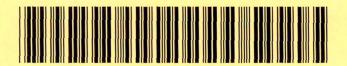
### \*1083IHSSF3085\*



DocumentID

NONCD0002898

Site Name

**WOODLEAF & RIDGE PCE** 

DocumentType

Correspondence (C)

RptSegment

DocDate

4/12/2011

DocRcvd

5/2/2011

Вох

SF3085

AccessLevel

**PUBLIC** 

Division

**WASTE MANAGEMENT** 

Section

**SUPERFUND** 

Program

IHS (IHS)

DocCat

**FACILITY** 

3140 Woodlead

## NC DWO Laboratory Section Results

County: River Basin ROWAN

Report To

**MROAP** 

Collector:

M ALVALLE

Region:

MRO

Loc. Type:

Sample Matrix: GROUNDWATER WATER SUPPLY

YES

Emergency Yes/No

COC Yes/No



Sample ID: PO Number # Date Received:

Time Received: Labworks LoginID Report Generated: Date Reported: AB70285 11G0266 04/13/2011 08:30 DLEAVITT 4/20/11 04/20/2011

Loc. Desc: REED 3140 WOODLEAF

		KEED OTTO WOODELLY				
Location ID:	WOODLEAFANDRIDGE	Collect Date: 04/12/2011	Collect Time:	13:10	Sample Depth	
		Pocult/		Method	Analysis	

Locatio	n ID: WOODLEAFANDRIDGE	Collect	Date: 04/12/2011	Collect Time:	13:10	Sample Dep	un
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
.AB	Sample temperature at receipt by lab		0.9	°C		4/13/11	DLEAVITT
OL.							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
7-66-3	Chloroform	0.25	0.22 N3	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected J2	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	0.29	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
9-01-6	Trichloroethene		Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-27-4	Bromodichloromethane		Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLI
0061-01-5	cis-1,3-Dichloropropene		Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLI
0061-02-6	trans-1,3-Dichloropropene		Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
9-00-5	1,1,2-Trichloroethane		Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDL
08-88-3	Toluene		Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDL
42-28-9	1,3-Dichloropropane		Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLI

		NC DI	WQ Laboratory Se	ection Results	<del></del>	•	
Location IE	: WOODLEAFANDRIDGE	Sample ID:	AB70285	Collect Date:	04/12/2011	Collect Time::	13:10
VOL				<del> </del>			·
CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> <u>Date</u>	Validated by
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/82	260 4/13/11	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/82	260 4/13/11	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/8	260 .4/13/11	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	260 4/13/11	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/82	260 4/13/11	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/82	260 4/13/11	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/8	260 4/13/11	ACHANDLER

Sample Comments

VOL: J2 - 1 of 17 analytes failed < LCL in LCS - QC.

#### WOODLEAFANDRIDGE North Carolina GROUNDWATER FIELD/LAB FORM Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION Location code WOODLEAF &RIDGE SAMPLE TYPE SAMPLE PRIORITY 111- 0266 **■** Water ☐ Routine Lab Number County ROWAN \_\_\_\_\_\_ ☐ Soil Emergency Quad No\_\_\_\_\_ Serial No.\_\_\_\_ Date Received ☐ Other From:Bus, Courier, Hand Del., Rec'd By: Long. Other: Chain of Custody Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, Data Entry By: WSRO, Kinston FO, Fed. Trust, Central Off., Other: Date Reported: Shipped by: Bus, Courier, Hand Del., Other: Purpose: Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Collector(s):\_\_M.ALVALLE /T.BEVERLY\_\_ \_ Date\_\_4-12-11\_ Other: REED (3140 WOODLEAF) FIELD ANALYSES Spec. Cond.94 \_\_\_\_ at 25°C Location or Site 3140 WOODLEAF SALISBURY, NC pH <sub>400</sub>\_\_\_\_\_ oc Odor News Description of sampling point WELLHEAD Temp.<sub>10</sub>\_\_\_\_\_ Sampling Method PUMP\_\_\_\_ Sample Interval cheor Appearance (Pump, bailer, etc.) m. Alvilla Remarks Field Analysis By:\_\_\_ (Pumping time, air temp., etc.) LABORATORY ANALYSES Aq-Silver 46566 BOD 310 mg/L Diss. Solids 70300 mg/L ug/L Organochlorine Pesticides COD High 340 mg/L Fluoride 951 mg/L Al-Aluminum 46557 Organophosphorus Pesticides ug/L As-Arsenic 46551 Hardness: Total 900 mg/L COD Low 335 mg/L ug/L Nitrogen Pesticides Ba-Barium 46558 Coliform: MF Fecal 31616 /100ml Hardness (non-carb) 902 mg/L Acid Herbicides ug/L Ca-Calcium 46552 Phenois 32730 ug/ì Coliform: MF Total 31504 /100ml mg/L PCBs TOC 680 mg/L Specific Cond. 95 uMhos/cm Cd-Cadmium 46559 uq/L mg/L Cr-Chromium 46559 Turbidity 76 NTU Sulfate 945 ug/L Cu-Copper 46562 Sulfide 745 mg/L Residue, Total Suspended 530 mg/L ug/L Fe-Iron 46563 ug/L Semivolatile Organics Ha-Mercury 71900 Oil and Grease mg/L ug/L TPH-Diesel Range pH 403 units K-Potassium 46555 mg/L Mg-Magnesium 46554 Alkalinity to pH 4.5 410 mg/L mg/L Mn-Manganese 46565 XX Volatile Organics (VOA bottle) Alkalinity to pH 8.3 415 mg/L ug/L Carbonate 445 NH<sub>3</sub> as N 610 mg/L Na-Sodium 46556 TPH-Gasoline Range mg/L mq/L TKN as N 625 Ni-Nickel Bicarbonate 440 mg/L mg/L TPH-BTEX Gasoline Range ug/L NO2 + NO3 as N 630 ma/L Pb-Lead 46564 Carbon dioxide 405 mg/L ug/L P: Total as P 665 Se-Selenium Chloride 940 mg/L mg/L ug/L Zn-Zinc 46567 Chromium: Hex 1032 ug/L Nitrate (NO<sub>3</sub> as N) 620 mg/L ug/L LAB USE ONLY CU Nitrite (NO<sub>2</sub> as N) 615 Color: True 80 mg/L Temperature on arrival (°C):

Cyanide 720

Lab Comments

mq/L

# NC DENR/DWQ Laboratory Sample Anomaly Report (SAR)

Report to: _MR	OSPSample An	omaly Rep	oort (SÅR)		
Lab Number:	AB70284, AB70285		Sample ID:	11G0265, 110	G0266
Station 11 on:	WOODLEAFANDRIDGE_TB, WOODLEAFANDRIDGE_3140	County:	ROWAN	Region:	MRO
Sample Type:	WATER	Priority:	COC	Collector:	M,ALVALLE / T.BEVERLY
Date collected:	4/11/11, 4/12/11	Date received:	4/13/11	Date analyzed:	4/13/11
Affected Parameter(s):	VOLATILES	·			
Analytical Area (  WCH  NUT	(check one):   METALS   MICRO		⊠VOA □PEST		□SVOA
The following a	nomalies occurred (check all that appl	y):			
□VOA vial. □Sulfide sa □Samples r □Samples r □Mislabele □Holding ti □Prior □After □Insufficier □Sample es □Sample no □p11 o □Mesidual o □Color inte	to receipt in lab receipt in lab receipt in lab nt quantity for analysis chibits gross non-homogeneity of chemically preserved properly ut of range (record pH): oper chemical chlorine present in sample erference nulsion formed during extraction ottle broken in lab - no reportable results		Analyst e Surrogate Surrogate Non Recc Spike rec Non Recc Failed to Internal s Blank cor SOP inter approval Invalid in	nt failure — no reportables e added overy outside accep overy e added overy outside accep overy outside accep meet criteria for pr tandards ntamination reported outside of procedure used	e results  chance limits  chance limits  controls (e.g., QCS, LCS)  with QA and Branch Head  on  e to:
Comments: 1 o	f 17 analytes failed < LCL in LCS - QC	·,			
Corrective Act	ion:				
Sample(s) on	ted with qualification. Data qualification): quired? Yes No ed: Date: .	or contact p	erson and determinin		mple could not be secured.
·			· · · · · · · · · · · · · · · · · · ·		
Lead Chemist Revio	Pest	AL		□svoa	
Brt lead Review	w (initial):—ULL (initial):————————————————————————————————————			Logged into	o database by (initial): Rub 4-28-201
OAlformell aborator-45 4	, , , , , , , , , , , , , , , , , , ,		1		10/23/01/be

## RECEIVED

FEB 23 2011

NCDENR MRO IHSB

TELEPHONE: 336-725-8688 FACSIMILE: 336-725-8867

Dawn T. Mistretta

Direct Dial/Mobile: (704) 488-8000 Email: dmistretta@sfandglaw.com

February 21, 2011

### VIA FAX (704-663-6040) AND EMAIL (Donna.DeCarlo@ncdenr.gov)

Ms. Donna Marie DeCarlo Inactive Hazardous Sites Branch Superfund Section 610 East Center Avenue, Suite 301 Mooresville, NC 28115

RE: Water Filtration System, 3150 Woodleaf Road

Dear Ms. DeCarlo:

As you are aware, my firm represents Bret and Susan Watson with respect to the groundwater contamination issues at their home. Thank you for discussing with me your correspondence dated February 14, 2011, in which the Inactive Hazardous Sites Branch ("Branch") offered to pay for the installation and maintenance of a water filtration system at my clients' home.

Based on your correspondence and our conversation, it is my understanding that the Branch will both hire and pay a contractor to install and maintain a water filtration system to treat the water that is entering the Watsons' home. The Branch will pay for all maintenance on the water filtration system so long as the Branch has the funds to pay for it, which is not certain. You indicated to me that the installation of the system costs between \$2,000 and \$5,000 and that maintenance costs vary depending upon water usage and extent of contamination. It is my understanding that once the Branch funds allocated to pay for maintenance of the system run out, the Watsons will be required to pay for maintenance of the system. You requested permission to install the water filtration system at the Watsons' home immediately. You also indicated that a Notice of Inactive Hazardous Substance or Waste Disposal Site ("Notice") may be required to be filed with the Rowan County Register of Deeds' Office due to the contamination of the groundwater wells that serve the Watsons' property.

I have had the opportunity to discuss the Branch's offer with my clients and they would like the Branch to proceed with installing the water filtration system in their home as soon as possible. The Watsons would like the filtration system installed in the least obtrusive place in their home and would like to be consulted regarding the final placement of the system. In addition, the Branch shall remain responsible for any damage that occurs (and for repairing it at

the Branch's expense) to the Watson's home or property during the installation process. In the event that a Notice is required to be filed related to my clients' property, please provide a copy of the Notice prior to the filing such that my clients will be able to review it.

Thank you for your time and attention to this matter. Please let me know when the Watsons may expect the installation to begin.

Dan Mustretta //as

Dawn T. Mistretta

cc: Stan B. Green, Esq.

Bret and Susan Watson



STRAUCH FITZGERALD & GREEN, P.C., 118 SOUTH CHERRY STREET, WINSTON-SALEM, NC 27101

TELEPHONE: 336-725-8688 FACSIMILE: 336-725-8867

Dawn T. Mistretta Direct Dial/Mobile: (704) 488-8000 Email: dmistretta@sfandglaw.com

February 21, 2011

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February 21, 2011 Page 2

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Thank you for your time and attention to this matter. Please let me know when the Watsons may expect the installation to begin.

Sincerely,

eun Mortnette //as Dawn T. Mistretta

cc: Stan B. Green, Esq.

Bret and Susan Watson





## North Carolina Department of Environment and Natural Resources

Division of Waste Management Dexter R. Matthews Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor February 1, 2011

Bret and Susan Watson 3150 Woodleaf Road Salisbury, NC 28081

Re: APPLICATION FOR BERNARD ALLEN EMERGENGY DRINKING WATER FUND

Woodleaf & Ridge PCE Salisbury, Rowan County IHSB # Pending

Dear Mr. and Mrs. Watson:

As noted in previous correspondence, samples collected from your water supply well on May 26, 2010 and June 21, 2010 exceeded the federal drinking water standard for tetrachloroehtene (PCE). The source of PCE in your well is unknown. On September 15, 2010, I spoke with you to discuss options for providing an alternative water supply to your residence. It was agreed that a Point of Entry (POE) treatment system appears to be a good option for your situation. On September 16, 2010, I sent you a Bernard Allen Affidavit and a letter explaining the procedure for filling it out.

I called to follow up with you on November 1, 2010 because I had not received a completed Affidavit. You stated you did not return the Affidavit because you do not meet the Bernard Allen Fund's income requirement. I explained that documenting you are not eligible for the Bernard Allen Fund by returning a completed Affidavit is a requirement for requesting access to other potential funding sources.

As of this date, I have not received a response from you. I cannot continue the process of investigating funding options without your assistance and cooperation. POE systems can range from about \$2,000.00 to \$5,000.00 or more depending on the type and concentrations of contaminants, type of system, water use patterns, and other factors. Maintenance costs will depend on specific water quality and use information. If you wish to seek access to an alternate water source through the Inactive Hazardous Sites Branch programs, please return a copy of the completed affidavit. If not, please provide written notice of your decision for our records. Your prompt response is appreciated. If you have any questions or need additional information please call me at 704 235 2166. You can also contact me by email at donna.decarlo@ncdenr.gov.

Sincerely,

Donna Marie DeCarlo, Hydrogeologist

Inactive Hazardous Sites Branch

Superfund Section

610 East Center Avenue, Suite 301

Mooresville, NC 28115

North Carolina

Naturally





## North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor Dee Freeman, Secretary

May 23, 2011

Bobby Reed 3140 Woodleaf Road Salisbury, NC 28147

Re:

Health Risk Evaluation

Residential Water Supply Well Sampling Results

3140 Woodleaf Road

Salisbury, Rowan County, North Carolina

Dear Mr. Reed:

On April 18, 2011, Harmon Environmental collected a water sample from your residential water supply well as part of a routine monitoring event for an Underground Storage Tank (UST) release. The sample was submitted to Prism Laboratories, Inc. and analyzed for Volatile Organic Compounds (VOCs). VOCs include a variety of man-made chemicals used in industrial and household products including solvents, degreasers, gasoline additives, and water treatment systems. The results for your well were forwarded to the IHSB on May 16, 2011. The laboratory analytical report indicated that Carbon tetrachloride was identified at a concentration of 5.9 micrograms per liter (µg/l). Carbon tetrachloride has been used as a drycleaning solvent, in fire extinguishers, degreasers and pesticides, but is no longer allowed to be used in the United States. No other VOCs were reported at concentrations exceeding their respective Practical Quantitation Limits (PQLs). The PQL is the concentration that must be present for the lab to accurately determine the concentration. Because a potentially harmful VOC was detected in this sample, a request for a Health Risk Evaluation (HRE) was submitted to a toxicologist for a recommendation on use of this well. The HRE stated that your well water can be used for all household purposes.

Copies of the HRE and the laboratory report are attached. IHSB is continuing efforts to determine the source of these and other chemicals in groundwater in your area. If you have any questions, please email me at donna.decarlo@ncdenr.gov or call me at (704) 235-2166.

Sincerely,

Donna Marie DeCarlo, Hydrogeologist

Division of Waste Management Superfund Section - Inactive Hazardous Sites Branch

cc: Myers Brothers Gin file

#### **MEMORANDUM**

Date:

May 19, 2011

TO:

Donna DeCarlo, Hydrogeologist

Superfund Section, IHSB

Inactive Hazardous Sites Branch

**Superfund Section** 

FROM:

Hanna Assefa, Industrial Hygienist

Inactive Hazardous Sites Branch

Superfund Section

RE:

Health Risk Evaluation 3140 Woodleaf Road Salisbury, Rowan County

A water sample was collected from the water supply well at the subject address on April 18, 2011. Carbon tetrachloride was detected at a concentration that did not exceed its applicable standard. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other residential purposes listed above. The table below compares the detected contaminant concentrations with the applicable standards:

Sample #	Chemical	04/18/2011 Concentrations ug/I	USEPA MCL ug/l	Calculated Health-based Concentration ug/l
1040414-09	Carbon tetrachloride	0.59	5	*

ug/l = Micrograms of contaminant per liter of water.

\*Not applicable

## **Laboratory Report**

05/09/2011



Harmon Environmental, PA Attn: Rick Harmon 615 Bruce Thomas Rd. Monroe, NC 28112

Project: Myers Brothers

Project No.: 301 Sample Matrix: Water Client Sample ID: 3140 Prism Sample ID: 1040414-09 Prism Work Order: 1040414 Time Collected: 04/18/11 14:24 Time Submitted: 04/19/11 10:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by	y GC/MS								
1,1,1,2-Tetrachioroethane	BRL	ug/L	0.50	0.070	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.075	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.075	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.068	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,1-Dichloroethane	BRL	ug/L	0.50	0.038	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,1-Dichloroethylene	BRL	ug/L	0.50	0.057	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,1-Dichloropropylene	BRL	ug/L	0.50	0.072	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.12	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.090	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.15	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.038	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,2-Dibromoethane	BRL	ug/L	0.50	0.041	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.044	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,2-Dichloroethane	BRL	ug/L	0.50	0.054	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,2-Dichloropropane	BRL	ug/L	0.50	0.062	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.038	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.070	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,3-Dichloropropane	BRL,	ug/L	0.50	0.054	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.059	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
2,2-Dichloropropane	BRL	ug/L	2.0	0.27	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
4-isopropyltoluene	BRL	ug/L	0.50	0.059	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Acetone	BRL	ug/L	10	1.5	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Benzene	BRL	ug/L	0.50	0.054	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Bromobenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Bromochloromethane	BRL	ug/L	0.50	0.050	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Bromodichloromethane	BRL	ug/L	0.50	0.031	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Bromoform	BRL	ug/L	0.50	0.10	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Bromomethane	BRL	ug/L	1.0	0.24	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Carbon Tetrachloride	0.52	ug/L	0.50	0.065	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Chlorobenzene	BRL	ug/L	0.50	0.025	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Chioroethane	BRL	ug/L	0.50	880.0	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Chloroform	BRL	ug/L	0.50	0.053	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Chioromethane	BRL	ug/L	0.50	0.032	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.061	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.065	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Dibromochloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Dibromomethane	BRL	ug/L	0.50	0.044	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Dichlorodifluoromethane	BRL	ug/L	1.0	0.057	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Ethanol	BRL	ug/L	200	42	1	SM6200 B	4/28/11 0:35	MGB	P1D0515

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## **Laboratory Report**

05/09/2011



Harmon Environmental, PA Attn: Rick Harmon 615 Bruce Thomas Rd. Monroe, NC 28112 Project: Myers Brothers

Project No.: 301 Sample Matrix: Water Client Sample ID: 3140
Prism Sample ID: 1040414-09
Prism Work Order: 1040414
Time Collected: 04/18/11 14:24
Time Submitted: 04/19/11 10:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis / Date/Time	Analyst	Batch ID
Ethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Hexachlorobutadiene	BRL	ug/L	2.0	0.41	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Isopropyl Ether	BRL	սց/Լ	0.50	0.042	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.034	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
m,p-Xylenes	BRL	ug/L	1.0	0.11	. 1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Methyl Butyl Ketone (2-Hexanone)	BRL	· ug/L	1.0	0.11	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.83	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.048	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Methylene Chloride	BRL	ug/L	2.0	0.073	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.056	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Naphthalene	BRL	ug/L	1.0	0.094	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
n-Butylbenzene	BRL	ug/L	0.50	0.059	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
n-Propylbenzene	BRL	ug/L	0.50	0.059	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
o-Xylene	BRL	ug/L	0.50	0.064	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
sec-Butylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Styrene	BRL	ug/L	0.50	0.034	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
tert-Butylbenzene	BRL	ug/L	0.50	0.11	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Tetrachloroethylene	BRL	ug/L	0.50	0.096	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Toluene	BRL	ug/L	0.50	0.057	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.061	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.054	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Trichloroethylene	BRL	ug/L	0.50	0.044	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Trichlorofluoromethane	BRL	ug/L	0.50	0.050	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Vinyl acetate	BRL	ug/L	5.0	1.3	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Vinyl chloride	BRL	ug/L	0.50	0.068	1	SM6200 B	4/28/11 0:35	MGB	P1D0515
Xylenes, total	BRL	ug/L	1.5	0.17	1	SM6200 B	4/28/11 0:35	MGB	P1D0515

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	86 %	70-130
Dibromofluoromethane	118 %	70-130
Toluene-d8	88 %	70-130

### **MEMORANDUM**

TO:

Hanna Assefa, Industrial Hygienist

Superfund Section, Inactive Hazardous Sites Branch (IHSB)

FROM:

Donna DeCarlo, Hydrogeologist

Superfund Section, IHSB

RE:

Health Risk Evaluation Request

3140 Woodleaf Road, Salisbury

Rowan County, NC

This sample was collected on April 18, 2011 from a potable water supply well located at the referenced location. The sample was collected by Rick Harmon of Harmon Environmental, PA for a UST incident sampling event at the Myers Brothers Gin site, also IHSB Incident #NONCD0002110.

Because the sample was collected from a water supply well, the IHSB requests a health risk evaluation and a recommendation for the continued use of this well. This information will be provided to the well owner/user. The following table summarizes the detected chemical and the corresponding concentration. The laboratory analytical report for the sample is attached.

Chemical	Units	Concentrations
Volatile Organics		
Carbon tetrachloride	Micrograms per Liter (μg/L)	0.59

If you have any questions please let me know.

Attachment

Laboratory analytical report

TRIP BLANK.

NC DWO Laboratory Section Results

County: ROWAN Sample ID: AB70284 River Basin PO Number # 11G0265 Report To MROSP Date Received: 04/13/2011 Time Received: 08:30 Collector: M ALVALLE Labworks LoginID **DLEAVITT** Region: MRO Report Generated: 4/28/11 Sample Matrix: GROUNDWATER Date Reported 50 04/28/2011 Loc. Type: TRIP BLANK VISitID Emergency Yes/No Loc. Des MRO COC Yes/No YES

Location	on ID: WOODLEAFANDRIDGE_TB	Collec	t Date: 04/11/2011	Collect Time	: 15:40	Sample Dep	oth
CAS#	Analyte Name	PQL	Result/ Qualifier	Units	Method Reference	Analysis Date	Validated by
LAD	Sample temperature at receipt by lab		0.9	°C		4/13/11	DLEAVITT
VOL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	Not detected J2	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
79-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
75-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER

[		NC DI	WQ Laboratory S	ection Results		<del>,</del>	
Location IE	D: WOODLEAFANDRIDGE_TB	Sample ID:	AB70284	Collect Date:	04/11/2011 Co	llect Time::	15:40
VOL							
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	Analysis Date	Validated by
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
135-98-8	sec-Butylbenzene	. 0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
99-87 <b>-</b> 6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
87-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
87-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER

Sample Comments

VOL: J2 - 1 of 17 analytes failed < LCL in LCS - QC.

#### North Carolina **GROUNDWATER FIELD/LAB FORM** Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION 116-0265 AB70Z Location code WOODLEAF &RIDGE\_TB SAMPLE TYPE SAMPLE PRIORITY ■ Water Routine Lab Number County ROWAN Date Received 4.13.11 T Soil Emergency Quad No\_\_\_\_\_ Serial No.\_\_\_\_\_ ☐ Other From:Bus, Courier, Hand Del., Lat. Long. Rec'd Bv: Other: Chain of Custody Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, Data Entry By: Date Reported: WSRO, Kinston FO, Fed, Trust, Central Off., Other: Purpose: Shipped by: Bus, Courier, Hand Del., Other: Collector(s): M.ALVALLE /T.BEVERLY Date 4-11-11 Time 15:40 Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: FIELD ANALYSES MRO Owner Spec. Cond.94\_\_\_\_\_ °C Odor None \_\_\_ at 25°C Location or Site TRIP BLANK (MRO - DEERPARK WATER) pH 400 Description of sampling point BOTTLE WATER Temp.<sub>10</sub> Sample Interval Clear Sampling Method GRAB Appearance Field Analysis By: Remarks (Pumping time, air temp., etc.) LABORATORY ANALYSES BOD 310 Diss. Solids 70300 mg/L Aa-Silver 46566 ma/L Organochlorine Pesticides ua/L Al-Aluminum 46557 Fluoride 951 COD High 340 ma/L mg/L Organophosphorus Pesticides ua/L Hardness: Total 900 ma/L As-Arsenic 46551 COD Low 335 ma/L Nitrogen Pesticides ua/L Hardness (non-carb) 902 Ba-Barium 46558 Coliform: MF Fecal 31616 /100ml ma/L uo/L Acid Herbicides Coliform: MF Total 31504 /100ml Phenois 32730 ua/l Ca-Calcium 46552 **PCBs** mg/L Cd-Cadmium 46559 TOC 680 ma/l Specific Cond. 95 uMhos/cm ug/L NTU Sulfate 945 Cr-Chromium 46559 Turbidity 76 mg/L ua/L mg/L Cu-Copper 46562 Residue, Total Suspended 530 ma/L Sulfide 745 uq/L Fe-Iron 46563 ug/L Semivolatile Organics Oil and Grease mg/L Ha-Mercury 71900 ua/L TPH-Diesel Range K-Potassium 46555 DH 403 units mg/L Alkalinity to pH 4.5 410 Mg-Magnesium 46554 mq/L mg/L Alkalinity to pH 8.3 415 mq/L Mn-Manganese 46565 XX | Volatile Organics (VOA bottle) ua/L Na-Sodium 46556 Carbonate 445 ma/L NH<sub>3</sub> as N 610 ma/L TPH-Gasoline Range ma/L Bicarbonate 440 TKN as N 625 mg/L Ni-Nickel mg/L ug/L TPH-BTEX Gasoline Range Pb-Lead 46564 NO<sub>2</sub> + NO<sub>3</sub> as N 630 Carbon dioxide 405 mg/L ma/L ua/L Chloride 940 mg/L P: Total as P 665 mg/L Se-Selenium ug/L Zn-Zinc 46567 Chromium: Hex 1032 uq/L Nitrate (NO<sub>3</sub> as N) 620 mg/L ua/L LAB USE ONLY Color: True 80 CU Nitrite (NO2 as N) 615 mg/L Temperature on arrival (°C): Cyanide 720 mg/L Lab Comments GW-54 REV. 4/06

#### NC DENR/DWO Laboratory Report to: MROSP Sample Anomaly Report (SAR) Lab Number: AB70284, AB70285 Sample 11G0265, 11G0266 ID: e ion WOODLEAFANDRIDGE TB, County: **ROWAN** Region: MRO ation: WOODLEAFANDRIDGE 3140 Sample Type: WATER Priority: COC Collector: M.ALVALLE / T.BEVERLY Date 4/11/11, 4/12/11 Date 4/13/11 Date 4/13/11 collected: received: analyzed: Affected VOLATILES Parameter(s): Analytical Area (check one): □wch □nut ⊠voa □ METALS □SVOA □MICRO □PEST The following anomalies occurred (check all that apply): ☐ Samples Ouality Control Improper container used ☐ Instrument failure – no reportable results VOA vials with headspace Analyst error – no reportable results Sulfide samples with headspace Surrogates Samples not received, but listed on fieldsheet Samples received, but not listed on fieldsheet Mislabeled as to tests, preservatives, etc. ☐None added Recovery outside acceptance limits Spike recovery Holding time expired ☐None added Prior to receipt in lab Recovery outside acceptance limits After receipt in lab Failed to meet criteria for precision ☐ Insufficient quantity for analysis☐ Sample exhibits gross non-homogeneity Internal standards Blank contamination Sample not chemically preserved properly ☑QC data reported outside of controls (e.g., QCS, LCS) pl out of range (record pl ): ☐Incorrect procedure used ☐Improper chemical SOP intentionally modified with OA and Branch Head Residual chlorine present in sample Color interference Invalid instrument calibration Heavy emulsion formed during extraction Elevated detection limits due to: Sample bottle broken in lab - no reportable results Insufficient sample volume Other (specify): Comments: 1 of 17 analytes failed < LCL in LCS - QC. Corrective Action: Samples were rejected by DWO Lab. Authorized by: Date: Accepted and analyzed after notifying the collector or contact person and determining that another sample could not be secured. Sample(s) on hold until: Sample reported with qualification. Data qualification code used:J2 Other (explain): Notification Required? ☐ Yes Person Contacted: Date: Form completed by: Victor Andrews Date: 4/14/2011

Lead Chemist Review (initial):

□BIOCHEM

METALS \_\_\_\_\_

□PEST \_\_\_\_\_

□SVOA \_\_\_\_\_

th Head Review (initial);

C Review (initial):

itial): 42-8/11

Logged into database by (initial): Pub 4-28-20

NC DWO Laboratory Section Results

County: River Basin ROWAN

Report To

MROAP

Collector: Region: M ALVALLE

YES

Semple Metrix: C

MRO

Sample Matrix: GROUNDWATER
Loc. Type: WATER SUPPLY

Emergency Yes/No

COC Yes/No

APR 2.5 2011 Visitib





Sample ID:
PO Number #
Date Received:
Time Received:
Labworks LoginID
Report Generated:
Date Reported:

AB70285 11G0266 04/13/2011 08:30 DLEAVITT 4/20/11 04/20/2011

Loc. Descr.: REED 3140 WOODLEAF

Location ID: WOODLEAFANDRIDGE		Collect Date: 04/12/2011		04/12/2011	Collect Time:	13:10	Sample Depth	
CAS#	Analyte Name	PQL		Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
	Sample temperature at receipt by lab			0.9	°C		4/13/11	DLEAVITT
/OL								
	Volatile Organics in liquid			TITLE_	ug/L	EPA5030/624/8260	100	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-87-3	Chloromethane	0.5	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-83-9	Bromomethane	0.5	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-00-3	Chloroethane	0.5	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-09-2	Methylene Chloride	10	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25		etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
7-66-3	Chloroform	0.25		0.22 N3	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not d	etected J2	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25		0.29	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
1-43-2	Benzene	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-95-3	Dibromomethane	1	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
9-01-6	Trichloroethene	0.25	Not d	etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-27-4	Bromodichloromethane			etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene			etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene			etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
9-00-5	1,1,2-Trichloroethane			etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
08-88-3	Toluene			etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
42-28-9	1,3-Dichloropropane			etected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER

		NC D1	WQ Laboratory Se	ction Results			٠,
Location ID	: WOODLEAFANDRIDGE	Sample ID:	•	Collect Date:	04/12/2011	Collect Time::	13:10
VOL						•	
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated by
124-48-1	Dibromochloromethane	0.25		ug/L	EPA5030/624/826		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 4/13/11	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 4/13/11	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 4/13/11	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 4/13/11	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826		ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	50 4/13/11	ACHANDLER
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	_	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 4/13/11	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	_	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	50 4/13/11	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 4/13/11	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 4/13/11	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 4/13/11	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
87-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER
87-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	60 4/13/11	ACHANDLER

Sample Comments

VOL: J2 - 1 of 17 analytes failed < LCL in LCS - QC.

#### North Carolina **GROUNDWATER FIELD/LAB FORM** Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION Location code WOODLEAF &RIDGE SAMPLE TYPE SAMPLE PRIORITY Lab Number AB70285 Water County ROWAN ☐ Routine □ Soil Emergency Date Received 4/13/11 Time: 0830 Quad No Serial No. ☐ Other \_\_\_\_\_Long.\_\_\_\_ From:Bus, Courier, Hand Del., Rec'd By: Thain of Custody Other: Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, Data Entry By: Ck: WSRO, Kinston FO, Fed. Trust, Central Off., Other: Date Reported: Purpose: Shipped by: Bus, Courier, Hand Del., Other:\_\_\_\_\_ Collector(s): M.ALVALLE /T.BEVERLY Date 4-12-11 Time 1310 Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Citics Officer (circle one) FIELD ANALYSES REED (3140 WOODLEAF) Owner Spec. Cond.94 at 25°C Location or Site 3140 WOODLEAF SALISBURY, NC pH 400 °C Odor Nove Description of sampling point WELLHEAD Temp.<sub>10</sub>\_\_\_\_\_ chear Sampling Method PUMP Sample Interval Appearance m. Alvella Field Analysis By: Remarks (Pumping time, air temp., etc.) LABORATORY ANALYSES BOD 310 Diss. Solids 70300 Aq-Silver 46566 mg/L mg/L ug/L Organochlorine Pesticides Al-Aluminum 46557 COD High 340 mg/L Fluoride 951 mg/L ug/L Organophosphorus Pesticides As-Arsenic 46551 COD Low 335 mg/L Hardness: Total 900 mg/L ug/L Nitrogen Pesticides Coliform: MF Fecal 31616 /100ml Hardness (non-carb) 902 mg/L Ba-Barium 46558 Acid Herbicides ug/L Coliform: MF Total 31504 Phenols 32730 Ca-Calcium 46552 /100mi ug/l **PCBs** mg/L **TOC 680** ma/L Specific Cond. 95 uMhos/cm Cd-Cadmium 46559 ug/L NTU Cr-Chromium 46559 Turbidity 76 Sulfate 945 mg/L ug/L Residue, Total Suspended 530 Sulfide 745 mg/L Cu-Copper 46562 ma/L ug/L Fe-Iron 46563 ug/L Semivolatile Organics Hg-Mercury 71900 Oil and Grease mg/L ug/L TPH-Diesel Range K-Potassium 46555 pH 403 units mg/L Mg-Magnesium 46554 Alkalinity to pH 4.5 410 mg/L mg/L Mn-Manganese 46565 Alkalinity to pH 8.3 415 mg/L XX | Volatile Organics (VOA bottle) ug/L Na-Sodium 46556 NH<sub>3</sub> as N 610 Carbonate 445 ma/L mg/L TPH-Gasoline Range mg/L Ni-Nickel TKN as N 625 TPH-BTEX Gasoline Range Bicarbonate 440 mg/L mg/L ug/L Pb-Lead 46564 NO2 + NO3 as N 630 mg/L Carbon dioxide 405 mg/L ug/L

Se-Selenium

Zn-Zinc 46567

ug/L

ug/L

LAB USE ONLY

Temperature on arrival (°C):

mg/L

mg/L

mg/L

**Lab Comments** 

Chloride 940

Color: True 80

Cyanide 720

Chromium: Hex 1032

mg/L

ug/L

CU

mg/L

P: Total as P 665

Nitrate (NO3 as N) 620

Nitrite (NO<sub>2</sub> as N) 615

Visitir VICTORNO Laboratory Section Results

Same

Sam Trip Blank.

County: River Basin Report To

Collector:

ROWAN

MROSP

M ALVALLE

Region: MRO Sample Matrix: GROUNDWATE Loc. Type: TRIP BLANK

Emergency Yes/No

COC Yes/No YES



Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated: Date Reported:

AB70284 11G0265 04/13/2011 08:30 DLEAVITT 4/28/11 04/28/2011

Loc. Descr.: MRO

Location ID: WOODLEAFANDRIDGE_TB		Collect Date: 04/11/2011		Collect Time	15:40	5:40 Sample Depti	
CAS#	Analyte Name	PQL	Result/ Qualifier	Units	Method Reference	Analysis Date	Validated by
	Sample temperature at receipt by lab		0.9	°C		4/13/11	DLEAVITT
/OL	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected J2	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLE

Dibromochloromethane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   106-93-4   (EDB)1,2-Dibromoethane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-93-7   Chlorobenzene   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-90-7   Chlorobenzene   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-90-7   Chlorobenzene   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-30-3   mp-Xylene   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   mp-Xylene   0.5   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   mp-Xylene   0.5   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,2-Tetrachloroethane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,2-Tetrachloroethane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,2-Tetrachloroethane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,2-Tichloropropane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,3-Trichloropropane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,3-Trichloropropane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,3-Trichloropropane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,3-Trichloropropane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,3-Trichloropropane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,3-Trichloropropane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,3-Trichloropropane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,1,2,3-Trichloropropane   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-3   1,2,4-Trimethylbenzene   0.25   Not detected   ug/L   EPA5030624/8260   4/13/11   ACH   108-38-38   1,2,4-Tr			NC D	WQ Laboratory S	ection Results			•
CAS#         Analyte Name         POL Qualifier 124-48-1         Units Units Dipromochioromethane         Method Reference Packsonoc24/8260         Maly 1311 Act Dipromochioromethane         Value of the Common C	Location ID	: WOODLEAFANDRIDGE_TB	Sample ID:	AB70284	Collect Date:	<b>04/11/2011</b> Co	llect Time::	15:40
Analyte Name   Put   Qualifier   Units   Reference   Date   Put   Qualifier   Units   Reference   Date   Put   Control   Con	VOL							
1244-81         Dibromochloromethane         0.25         Not detected         ug/L         EPA5030/624/8280         4/13/11         ACH           106-93-4         (EDB)1,2-Dibromoethane         0.25         Not detected         ug/L         EPA5030/624/8280         4/13/11         ACH           108-90-7         Chlorobenzene         0.25         Not detected         ug/L         EPA5030/624/8280         4/13/11         ACH           100-41-4         Ethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8280         4/13/11         ACH           108-38-3         m,p-Xylene         0.5         Not detected         ug/L         EPA5030/624/8280         4/13/11         ACH           108-38-3         m,p-Xylene         0.5         Not detected         ug/L         EPA5030/624/8280         4/13/11         ACH           108-38-3         m,p-Xylene         0.25         Not detected         ug/L         EPA5030/624/8280         4/13/11         ACH           108-38-3         1,1,2-2-Tetrachloroethane         0.25         Not detected         ug/L         EPA5030/624/8280         4/13/11         ACH           630-20-6         1,1,1,2-Tetrachloroethane         0.25         Not detected         ug/L         EPA5030/624/8280	CAS#	Analyte Name	<u>PQL</u>		<u>Units</u>			Validated by
Tefrachloroethene	124-48-1	Dibromochloromethane	0.25		ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
108-90-7   Chlorobenzene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-41-4   Ethylbenzene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   108-38-3   mp-Xylene   0.5   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-48-6   Bromobenzene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-48-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-43-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-43-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-43-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-43-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-43-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-43-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-43-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-43-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH   100-43-4   4-Chlorotoluene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11	106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
100-41-4   Ethylbenzene	127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
1	108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
108-38-3 m,p-Xylene	100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
100-42-5   Styrene   0.25   Not detected   ug/L   EPA5030/624/8260   4/13/11   ACH	75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
79-34-5         1,1,2,2-Tetrachloroethane         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           630-20-6         1,1,1,2-Tetrachloroethane         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-47-6         o-Xylene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           98-82-8         Isopropylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           108-86-1         Bromobenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           103-65-1         n-Propylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-49-8         2-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           96-49-4         4-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           98-49-8         2-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260	108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
630-20-6         1,1,1,2-Tetrachloroethane         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-47-6         o-Xylene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           96-18-4         1,2,3-Trichloropropane         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           98-82-8         Isopropylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           108-86-1         Bromobenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-49-8         2-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-49-8         2-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           108-67-8         1,3,5-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           98-06-6         tert-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260	100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
95-47-6	79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
96-18-4 1,2,3-Trichloropropane 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 98-82-8 Isopropylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 103-65-1 n-Propylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 103-65-1 n-Propylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 103-65-1 n-Propylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-49-8 2-Chlorotoluene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 106-43-4 4-Chlorotoluene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 108-67-8 1,3,5-Trimethylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 108-67-8 1,3,5-Trimethylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-63-6 1,2,4-Trimethylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-46-7 p-Dichlorobenzene (1,3) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-46-7 p-Dichlorobenzene (1,2) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-61-8 n-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-61-8 n-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 105-83-3 Hexachlorobutadiene 0.5 Not detected	630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
98-82-8         Isopropylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACF           108-86-1         Bromobenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACF           103-65-1         n-Propylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACF           95-49-8         2-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACF           106-43-4         4-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACF           98-06-8         1,3,5-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACF           98-06-6         tert-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACF           95-63-6         1,2,4-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACF           95-63-6         p-Isylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260	95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
108-86-1   Bromobenzene   0.25   Not detected   Ug/L   EPA5030/624/8260   4/13/11   ACH	96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
103-65-1         n-Propylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-49-8         2-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           108-63-4         4-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           98-06-6         tert-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-63-6         1,2,4-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-63-6         1,2,4-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-63-6         1,2,4-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           105-98-8         sec-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           541-73-1         m-Dichlorobenzene (1,3)         0.25         Not detected         ug/L         EPA5030	98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
95-49-8 2-Chlorotoluene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 108-67-8 1,3,5-Trimethylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 98-06-6 tert-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 95-63-6 1,2,4-Trimethylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 135-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 135-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 135-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 136-46-7 p-Dichlorobenzene (1,3) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 106-46-7 p-Dichlorobenzene (1,4) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 106-46-7 p-Isopropyltoluene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 104-51-8 n-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 104-51-8 n-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 104-51-8 n-Butylbenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Naphthalene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Naphthalene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 1.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 1.5 Not detected ug/L EPA5030/624/8	108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
106-43-4         4-Chlorotoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           108-67-8         1,3,5-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           98-06-6         tert-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-63-6         1,2,4-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           135-98-8         sec-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           541-73-1         m-Dichlorobenzene (1,3)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           106-46-7         p-Dichlorobenzene (1,4)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           99-87-6         p-Isopropyltoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           104-51-8         n-Butylbenzene         0.25         Not detected         ug/L         EP	103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
108-67-8         1,3,5-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           98-06-6         tert-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-63-6         1,2,4-Trimethylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           135-98-8         sec-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           541-73-1         m-Dichlorobenzene (1,3)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           106-46-7         p-Dichlorobenzene (1,4)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           99-87-6         p-Isopropyltoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           104-51-8         n-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           96-12-8         1,2-Dibromo-3-Chloropropane         2         Not detected         ug/L	95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
98-06-6 tert-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 95-63-6 1,2,4-Trimethylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 135-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 135-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 106-46-7 p-Dichlorobenzene (1,3) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 106-46-7 p-Dichlorobenzene (1,4) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 109-87-6 p-Isopropyltoluene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 104-51-8 n-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 104-51-8 1,2-Dibromo-3-Chloropropane 2 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-1 Naphthalene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-3 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83-	106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L .	EPA5030/624/8260	4/13/11	ACHANDLER
95-63-6 1,2,4-Trimethylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 135-98-8 sec-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 541-73-1 m-Dichlorobenzene (1,3) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 106-46-7 p-Dichlorobenzene (1,4) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 95-50-1 o-Dichlorobenzene (1,2) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 99-87-6 p-Isopropyltoluene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 104-51-8 n-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 96-12-8 1,2-Dibromo-3-Chloropropane 2 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Naphthalene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-83 Hexachlorobenzene 1 Not detected ug/L E	108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
135-98-8         sec-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           541-73-1         m-Dichlorobenzene (1,3)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           106-46-7         p-Dichlorobenzene (1,4)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-50-1         o-Dichlorobenzene (1,2)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           99-87-6         p-Isopropyltoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           104-51-8         n-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           96-12-8         1,2-Dibromo-3-Chloropropane         2         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           91-20-3         Naphthalene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-68-3         Hexachlorobutadiene         0.5         Not detected         ug/L         EPA50		tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
541-73-1         m-Dichlorobenzene (1,3)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           106-46-7         p-Dichlorobenzene (1,4)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-50-1         o-Dichlorobenzene (1,2)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           99-87-6         p-Isopropyltoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           104-51-8         n-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           96-12-8         1,2-Dibromo-3-Chloropropane         2         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           120-82-1         1,2,4-Trichlorobenzene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           91-20-3         Naphthalene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-68-3         Hexachlorobutadiene         0.5         Not detected         ug/L	95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
106-46-7         p-Dichlorobenzene (1,4)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           95-50-1         o-Dichlorobenzene (1,2)         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           99-87-6         p-Isopropyltoluene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           104-51-8         n-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           96-12-8         1,2-Dibromo-3-Chloropropane         2         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           120-82-1         1,2,4-Trichlorobenzene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           91-20-3         Naphthalene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-68-3         Hexachlorobutadiene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-61-6         1,2,3-Trichlorobenzene         1         Not detected         ug/L         EPA50			0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
95-50-1 o-Dichlorobenzene (1,2) 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 99-87-6 p-Isopropyltoluene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 104-51-8 n-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 96-12-8 1,2-Dibromo-3-Chloropropane 2 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 91-20-3 Naphthalene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 87-68-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 87-61-6 1,2,3-Trichlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 87-61-6 1,2,3-Trichlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 87-61-6 1,2,3-Trichlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH	541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
99-87-6 p-Isopropyltoluene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 104-51-8 n-Butylbenzene 0.25 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 96-12-8 1,2-Dibromo-3-Chloropropane 2 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 120-82-1 1,2,4-Trichlorobenzene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 91-20-3 Naphthalene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 87-68-3 Hexachlorobutadiene 0.5 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 87-61-6 1,2,3-Trichlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH 87-61-6 1,2,3-Trichlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH	106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L,	EPA5030/624/8260	4/13/11	ACHANDLER
104-51-8         n-Butylbenzene         0.25         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           96-12-8         1,2-Dibromo-3-Chloropropane         2         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           120-82-1         1,2,4-Trichlorobenzene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           91-20-3         Naphthalene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-68-3         Hexachlorobutadiene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-61-6         1,2,3-Trichlorobenzene         1         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH	95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
96-12-8         1,2-Dibromo-3-Chloropropane         2         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           120-82-1         1,2,4-Trichlorobenzene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           91-20-3         Naphthalene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-68-3         Hexachlorobutadiene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-61-6         1,2,3-Trichlorobenzene         1         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH	99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
120-82-1         1,2,4-Trichlorobenzene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           91-20-3         Naphthalene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-68-3         Hexachlorobutadiene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-61-6         1,2,3-Trichlorobenzene         1         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH	104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
91-20-3         Naphthalene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-68-3         Hexachlorobutadiene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-61-6         1,2,3-Trichlorobenzene         1         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH	96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
87-68-3         Hexachlorobutadiene         0.5         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH           87-61-6         1,2,3-Trichlorobenzene         1         Not detected         ug/L         EPA5030/624/8260         4/13/11         ACH	120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
87-61-6 1,2,3-Trichlorobenzene 1 Not detected ug/L EPA5030/624/8260 4/13/11 ACH	91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
,,,,,	87-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
VOC'S RY CC/MS 1 Not detected ug/l EPA5030/624/8260 4/13/11 ACH	87-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER
VOC 3 BT GC/MG		VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/8260	4/13/11	ACHANDLER

Sample Comments

VOL: J2 - 1 of 17 analytes failed < LCL in LCS - QC.

GROUNDWATER FIE	ELD/LA	3 FORM			Department of DIVISION OF WAT	North Carolina Environment and Natural Resources ER QUALITY-GROUNDWATER SECTION	
ocation codeWOODLEAF &I	RIDGE_T	SAMPLE TYPE	<u> </u>	SAMPLE PRIORITY			
ountyROWAN		Water	_	SAMPLE PRIORITY    Illy 0265 AB7028			
				Emergency Date Received 4:13:11 Tim			
uad No Serial Nat Long	чо	iii 📹					
at Long		<del></del> 111	in of Custody	]])	Oth	c'd By: From:Bus, Courie), Hand D	
eport To: ARO, FRO, <b>MRO</b> , RRC	), WaRO, W	iRO.			Dat	la Entry By: Ck:	
SRO, Kinston FO, Fed. Trust, Ce	entral Off., C	Other:			Dat	e Reported:	
/SRO, Kinston FO, Fed. Trust, Co hipped by: Bus, <b>Courier</b> , Hand D	el., Other:_		Purpose:				
ollector(s):M.ALVALLE /T.BEV	ERLY	Date4-11-11 <sup>Tim</sup>	1815:4U B	aseline, <b>Complaint,</b> C ther:	compliance, LUST, i	Pesticide Study, Federal Trust,	
IELD ANALYSES			Owner	MRO			
H <sub>400</sub> S emp. <sub>10</sub> °C {	Spec. Cond.	94at 25°C	Location or Site	TRIP BLANK (M	RO - DEERPARK V	VATER)	
emp. <sub>10</sub> °C {	Odor	some	_ Description of s	sampling pointB	OTTLE WATER		
opearanceeld Analysis By:	Clar	<del></del>	Sampling Meth	odGRAB	(Pumb. bailer, etc.)	Sample Interval	
ABORATORY ANALYSES	<u></u>	·	Remarks			time, air temp., etc.)	
BOD 310	mg/L	Diss. Solids 70300	mg/L	Ag-Silver 46566	ug/L	Organochlorine Pesticides	
COD High 340	mg/L	Fluoride 951	mg/L	Al-Aluminum 46557	ug/L	Organophosphorus Pesticides	
COD Low 335	mg/L	Hardness: Total 900	mg/L	As-Arsenic 46551	ug/L	Nitrogen Pesticides	
Coliform: MF Fecal 31616	/100ml	Hardness (non-carb) 902	mg/L	Ba-Barium 46558	ug/L	Acid Herbicides	
Coliform: MF Total 31504	/100ml	Phenois 32730	ug/l	Ca-Calcium 46552	mg/L	PCBs	
TOC 680	mg/L	Specific Cond. 95	µMhos/cm	Cd-Cadmium 46559	ug/L		
Turbidity 76	NTU	Sulfate 945	mg/L	Cr-Chromium 46559	ug/L		
Residue, Total Suspended 530	mg/L	Sulfide 745	mg/L	Cu-Copper 46562	ug/L_		
		•		Fe-Iron 46563	ug/L	Semivolatile Organics	
		Oil and Grease	mg/L	Hg-Mercury 71900	ug/L	TPH-Diesel Range	
pH 403	units			K-Potassium 46555	mg/L		
Alkalinity to pH 4.5 410	mg/L			Mg-Magnesium 46554	g/ E		
Alkalinity to pH 8.3 415	mg/L	_		Mn-Manganese 46565	ug/L	XX Volatile Organics (VOA bottle)	
Carbonate 445	mg/L	NH <sub>3</sub> as N 610	mg/L	Na-Sodium 46556	mg/L	TPH-Gasoline Range	
Bicarbonate 440	mg/L	TKN as N 625	mg/L	Ni-Nickel	ug/L_	TPH-BTEX Gasoline Range	
Carbon dioxide 405	mg/L	NO <sub>2</sub> + NO <sub>3</sub> as N 630	mg/L	Pb-Lead 46564	ug/L		
Chloride 940	mg/L	P: Total as P 665	mg/L	Se-Selenium	ug/L_	<del></del>	
Chromium: Hex 1032	ug/L	Nitrate (NO <sub>3</sub> as N) 620	mg/L	Zn-Zinc 46567	ug/L	LAB USE ONLY	
Color: True 80	CU mg/L	Nitrite (NO <sub>2</sub> as N) 615	mg/L	<del> </del>	<del></del>	Temperature on arrival (°C):	
Cyanide 720			1 1				





## North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor Dee Freeman, Secretary

April 28, 2011

Bobby Reed 3140 Woodleaf Road Salisbury, NC 28147

Re:

Health Risk Evaluation

Residential Water Supply Well Sampling Results

3140 Woodleaf Road

Salisbury, Rowan County, North Carolina

Dear Mr. Reed:

On April 12, 2011, Mr. Miguel Alvalle of the Mooresville Regional Office collected a water sample from your residential supply well. The sample was submitted to the NCDENR central laboratory in Raleigh for analysis for Volatile Organic Compounds (VOCs). VOCs include a variety of man-made chemicals used in industrial and household products, including solvents, degreasers, gasoline additives, and water treatment systems. A copy of the laboratory analytical report is attached. The report indicates that two VOCs were identified at concentrations exceeding their respective Practical Quantitation Limits (PQLs). The PQL is the concentration that must be present for the lab to accurately determine the concentration. Carbon Tetrachloride was reported at a concentration of 0.29 micrograms per litre (µg/L). Carbon tetrachloride has been used as a drycleaning solvent, in fire extinguishers, degreasers, and pesticides but is no longer used in the United States. Chloroform was reported at a concentration of 0.22 µg/L. The most common use of chloroform is in water treatment for drinking water supplies and swimming pools, but it also forms as a breakdown product of Carbon Tetrachloride. No other VOCs were reported in the sample above their respective PQLs. The reported concentrations were below State of NC and Federal standards for drinking water, but because potentially harmful VOCs were detected in the sample, a request for a Health Risk Evaluation (HRE) was submitted to a toxicologist for a recommendation on the use of the water from your well. A copy of the HRE is attached to this letter. It states that your well water can be used for all household purposes.

IHSB is continuing efforts to determine the source of these and other chemicals in area groundwater, and will plan to sample your well again in the future. If you have any questions, please email me at <a href="mailto:donna.decarlo@ncdenr.gov">donna.decarlo@ncdenr.gov</a>, or call me at (704) 235-2166.

Bobby Reed April 28, 2011 Page 2 of 2

Sincerely

Donna Marie DeCarlo, Hydrogeologist

Division of Waste Management
Superfund Section - Inactive Hazardous Sites Branch

Attachments: Laboratory Analytical Report, Health Risk Evaluation

Cc: Myers Brothers Gin file, IHSB #NONCD 000 2110



# North Carolina Department of Environment and Natural Resources Division of Waste Management

Beverly Eaves Perdue Governor Dexter R. Matthews

Director

Dee Freeman Secretary

February 14, 2011

# CERTIFIED MAIL Return Receipt Requested

Bret and Susan Watson 3150 Woodleaf Road Salisbury, NC 28081

Re:

Water Filtration System 3150 Woodleaf Road

Dear Mr. and Mrs. Watson:

Due to contamination detected in your drinking water supply well at concentrations exceeding safe levels for human consumption and because public water is not available in your area or is not available at a reasonable cost, the Inactive Hazardous Sites Branch ("Branch") of the North Carolina Division of Waste Management's Superfund Section is offering to pay for the installation of a water filtration system (system) at your residence. The water filtration system would be designed to remove contaminants detected in your drinking water supply well. The Branch will pay for all future testing, maintenance and costs associated with the system as long as there is sufficient money available in the Branch's cleanup fund or until public water service becomes available.

The Branch will use its contractors to conduct this work.

If the Branch is unable to fund continued operation of the system in the future or the current owner of the property refuses assistance with maintenance of the water filtration system, the Branch may file a "Notice of Inactive Hazardous Substance or Waste Disposal Site" ("Notice") for your property in the Rowan County Register of Deeds' office in accordance with § 130A-310.8 of the Inactive Hazardous Sites Act. The purpose of the Notice is to notify any prospective purchaser of the property of the groundwater contamination in your drinking water supply well. The Branch would prepare the Notice and record it and pay for the preparation and recording of the Notice. This Notice would not relieve you, or a subsequent owner, of your responsibilities to disclose this contamination to any purchasers of the property in accordance with the Residential Property Disclosure Act § 47E et.seq.



Mr. & Mrs. Watson February 14, 2011 Page 2 of 2

You will need to send a written response to our office by the close of business on the 30<sup>th</sup> day following your receipt of this letter. As soon as we receive your written agreement of this offer, the Branch can move forward with organizing and mobilizing the necessary resources to implement installation of the system at your property. Please send your written response to my attention at the address below. If you have any questions concerning this issue, please call me at (704) 235-2166, or email me at donna.decarlo@ncdenr.gov.

Sincerely

Donna Marie DeCarlo, Hydrogeologist

Inactive Hazardous Sites Branch Superfund Section North Carolina Department of Environment and Natural Resources 610 East Center Avenue, Suite 301 Mooresville, NC 28115

cc: Dawn T. Mistretta, Esq. Strauch Fitzgerald & Green, P.C. 118 South Cherry Street Winston-Salem, NC 27101





# North Carolina Department of Environment and Natural Resources Division of Waste Management

Dexter R. Matthews
Director

Dee Freeman Secretary

September 16, 2010

Beverly Eaves Perdue

Governor

Bret and Susan Watson 4150 Woodleaf Road Salisbury, NC 28081

Re: APPLICATION FORM FOR BERNARD ALLEN MEMORIAL EMERGENGY DRINKING WATER FUND

Woodleaf & Ridge PCE Salisbury, Rowan County IHSB # Pending

Dear Mr. and Mrs. Watson:

On September 15, 2010, I spoke with you to discuss options for providing an acceptable water supply to your residence. Volatile Organic Compounds (VOCs) were detected in your residential water supply well at concentrations above federal drinking water standards. Based on recent sampling events over the past summer, your well appears to be the only one in the area that exceeds federal drinking water standards.

In general, the preferred alternate drinking water source is a municipal water supply. I will be requesting an estimated cost from the City of Salisbury for connecting your residence to the nearest municipal water line. However, in this case, the size of, and distance to, the nearest municipal supply line makes it unlikely that this will be a cost-effective option. The installation of a Point of Entry (POE) system on the well supplying water to your residence appears to be a good alternative. A POE system can be used to remove VOCs from your well water before it enters the supply system in your house. It is my understanding that you are willing to have a POE system installed. We also discussed other requirements that may apply, including recording your property as contaminated, paying a portion of the cost for the system, and, after one year, assuming maintenance costs for the system.

The Bernard Allen Memorial Fund was created to provide limited funds to assist in providing alternate water to residential locations where the well water has been rendered non-potable due to groundwater contamination. There are several conditions that must be met for a site to receive assistance from the fund. One of the conditions is that a resident's gross family income cannot exceed three times the federal poverty guidelines. The enclosed financial Affidavit should be completed, signed and returned to me. The Affidavit should be based on your 2009 tax return. The second page can be used if necessary to document any changes in your



Bret and Susan Watson September 16, 2010 Page 2 of 2

financial status since your 2009 return, or provide additional details that might apply to your situation. The Affidavit must be notarized. This information will assist NCDENR in determining if your residence meets the qualifications necessary to access the Bernard Allen fund to install a POE system. You previously indicated that you would consider connecting to a municipal water supply if it were available. This Affidavit can also be used to determine if you are eligible to access the fund for a municipal water connection if that is determined to be a cost-effective option.

Due to the number of sites throughout the state with impacted supply wells, there is a great deal of competition for the Bernard Allen Funds. Your timely response would be greatly appreciated. If you have additional questions about the requirements that apply to your site, please contact Bruce Parris at (704) 235-2185, or me at (704) 235-2166.

Sincerely

Donna Marie DeCarlo, Hydrogeologist

Inactive Hazardous Sites Branch

Superfund Section

610 East Center Avenue, Suite 301

Mooresville, NC 28115

Enclosure:

Bernard Allen Affidavit with page for additional details

### NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

IN T	THE MATTER OF: Bernard All Eligibility by		Emergency Dr	
NOF	DER THE AUTHORITY OF RTH CAROLINA GENERAL TUTES § 87-98	)	AFFIDAVIT RE: Househol	d Income Verification
(Nan	ne)		, being duly	sworn, hereby deposes and says:
1.	I am/we are the owner of property	generally re	ferred to as:	(address),
	I am/we are the owner of property	City),		County, North Carolina.
2.	I am/we are applying for eligibility (Bernard Allen Memorial Emerge property generally referred to as:	ency Drinking	g Water Fund) for	eneral Statute (N.C.G.S.) § 87-98 or an alternate water supply for the(address),County, North Carolina.
3.	I/We hereby certify, under the pa requirements of N.C.G.S. § 87-980 is not greater than three hundred p by the US Department of Health a 2009 Poverty Guidelines for the	(c), in that my ercent (300% nd Human Se e 48 Contigue	y/our household g b) of the current f ervices, as listed t ous States and the	gross income for calendar year 2009 ederal poverty guidelines determined pelow:
	Persons in family		guideline	
4.	the groundwater contamination re-		,570 ,310 ,050 ,790 ,530 ,270 ,010 d \$3,740 for each	additional person.  we have not caused or contributed to ibility for use of the Bernard Allen
	Memorial Drinking Water Fund.  Affiant further saith not.	•		
S	ignature/Printed Name			Date
S	Sworn to and subscribed before me			
tl	his day of	, 20_	·	
			_ Notary Public	
- 1	Ay commission expires:	. – –		(SEAL)

occurred affecting our income.							
Please list any additional	special circun	nstances impa	cting the fam	ily's listed an	nual income:		
					<u></u>	<del></del> _	
				·		· 	
					· · · · · · · · · · · · · · · · · · ·		
<u> </u>						<del></del>	
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<del></del>	-					······································	
	<u>.</u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·			<del></del>	
<del>_</del>							

Signature/Printed Name

Date





## North Carolina Department of Environment and Natural Resources

Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor

September 3, 2010

Gary Basinger and Debbie Barnhardt P O Box 415 Spencer, North Carolina 28159-0415

Re: Water Supply Well Sample, 325 Victoria Street, Salisbury, Rowan County, North Carolina

Parcel IDs: 328 066 and 328 100

Dear Mr. Basinger and Ms. Barnhardt:

On August 17, 2010, I collected a sample from your potable water well. The sample was analyzed for a group of contaminants known as Volatile Organic Compounds (VOCs). VOCs include a variety of chemicals associated with solvents and petroleum products, which were our primary concern for this sampling event. The analysis conducted did not include substances other than VOCs that may occur naturally in groundwater or as a result of human activity, such as metals, nitrates, agricultural chemicals, and bacteria. A copy of the report for your well is enclosed.

The report states that no VOCs were detected in the sample at concentrations above their respective practical quantitation limit (PQL). The PQL is the concentration that must be present in the sample for the laboratory to reliably measure it. The PQLs for this sample were below applicable state and federal regulatory limits for VOCs in drinking water. If you have any questions about the sampling or lab report please email or write to me at the address below, or call me at (704) 663-1699. Thank you for your assistance and cooperation with this project.

Sincerely

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosure: laboratory report

cc: Rowan County Health Dept.

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

An Equal Opportunity \ Affirmative Action Employer

North Carolina Naturally

County:

ROWAN

River Basin Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix: Loc. Type:

GROUNDWATER WATER SUPPLY

Emergency Yes/No

COC Yes/No

YES

NC DWO Laboratory Section Results

Samp
PON
Date
Time
Laboratory
Date
Date

Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated: Date Reported:

AB62267 10G0533 08/18/2010 08:15 SMATHIS 8/27/10 08/27/2010

Loc. Descr.: GARY BASINGER

Location	n ID: NONCD0002110	Collect D	ate: 08/17/2010	Collect Time:	14:10	Sample Dept	h
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
	Sample temperature at receipt by lab		2.7	°C		8/19/10	SMATHIS
OL.							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
08-88-3	Toluene	0.25		ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
			Not detected			8/19/10	ACHANDLE
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHAN

		NC I	DWQ Laboratory Sec	tion Results			,
Location ID:	NONCD0002110	Sample ID:	AB62267	Collect Date:	08/17/2010	Collect Time::	14:10
VOL							•
CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> <u>Date</u>	Validated by
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
99-87 <b>-</b> 6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
87-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
87-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER

GROUNDWATER FIELD/L	AB FORM	North Carolina  Department of Environment and Natural Resources  DIVISION OF WATER OUALITY-GROUNDWATER SECTION
County RCUZIA  Quad No Serial No. Lat. Long. RRO, WARO, WARO, WARO, FRO, MRO, RRO, WARO	SAMPLE TYPE SAMP  Water  Soil  Other  WiRO,	DIVISION OF WATER QUALITY-GROUNDWATER SECTION  10G(0533) Lab Number Date Received 8-18-10 Time: 8-15 Rec'd By: WW) From:Bus, Courier, Hand Del., Other:
Temp.10°C Odorv. AppearanceClear_csilor (cs's) Field Analysis By:CsilorCs's  LABORATORY ANALYSES  BOD 310 mg/L  COD High 340 mg/L	Remarks CLVS    Diss. Solids 70300 mg/L	Sample Interval   Sample Int
COD Low 335 mg/L Coliform: MF Fecal 31616 /100ml Coliform: MF Total 31504 /100ml TOC 680 mg/L Turbidity 76 NTU	Hardness: Total 900   mg/L	As-Arsenic 46551
PH 403 units Alkalinity to pH 4.5 410 mg/L	Oil and Grease mg/L	Cu-Copper 46582         ug/L           Fe-Iron 46563         ug/L           Idg-Mercury 71900         ug/L           K-Potassium 46555         mg/L           Idg-Magnesium 46554         mg/L
Alkalinity to pH 8.3 415 mg/L  Carbonate 445 mg/L  Bicarbonate 440 mg/L  Carbon dioxide 405 mg/L  Chloride 940 mg/L	NH <sub>3</sub> as N 610 mg/L I TKN as N 625 mg/L NO <sub>2</sub> + NO <sub>3</sub> as N 630 mg/L I	Mn-Manganese 46565 ug/L Na-Sodium 46556 mg/L Ni-Nickel ug/L Volatile Organics (VOA bottle)  TPH-Gasoline Range TPH-BTEX Gasoline Range  Se-Selenium ug/L
Chromium: Hex 1032	Nitrate (NO <sub>3</sub> as N) 620 mg/L Nitrite (NO <sub>2</sub> as N) 615 mg/L	LAB USE ONLY Temperature on arrival (°C):





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

September 3, 2010

Governor

Beverly Eaves Perdue

Mr. and Mrs. Callahan 1725 West Ridge Road Salisbury, North Carolina 28147

Re: Water Supply Well Sample, 1725 W Ridge Road, Salisbury, Rowan County, North Carolina

Parcel ID: 328 B 056

Dear Mr. and Mrs. Callahan:

On August 17, 2010, I collected a sample from your potable water well. The sample was analyzed for a group of contaminants known as Volatile Organic Compounds (VOCs). VOCs include a variety of chemicals associated with solvents and petroleum products, which were our primary concern for this sampling event. The analysis conducted did not include substances other than VOCs that may occur naturally in groundwater or as a result of human activity, such as metals, nitrates, agricultural chemicals, and bacteria. A copy of the report for your well is enclosed.

The report states that no VOCs were detected in the sample at concentrations above their respective practical quantitation limit (PQL). The PQL is the concentration that must be present in the sample for the laboratory to reliably measure it. The PQLs for this sample were below applicable state and federal regulatory limits for VOCs in drinking water. If you have any questions about the sampling or lab report please email or write to me at the address below, or call me at (704) 663-1699. Thank you for your assistance and cooperation with this project.

Sincerely,

Donna Marie DeCarlo Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosure: laboratory report

cc: Rowan County Health Dept.

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: <a href="www.wastenotnc.org">www.wastenotnc.org</a>

NorthCarolina
Naturally

County:

ROWAN

River Basin Report To

MROAP

Collector:

D DECARLO

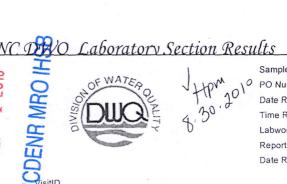
Region: MRO

Sample Matrix: GROUNDWATER Loc. Type: WATER SUPPLY

Emergency Yes/No

COC Yes/No

YES



Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated: Date Reported:

AB62268 10G0534 08/18/2010 08:15 SMATHIS 8/27/10 08/27/2010

Loc. Descr.: RICHARD & SANDRA CALLAHAN

Locatio	n ID: NONCD0002110	Collect D	ate: 08/17/2010	Collect Time:	15:12	Sample Depth	
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
_AB	Sample temperature at receipt by lab		2.7	°C		8/19/10	SMATHIS
VOL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER

Location ID:	NONCD0002110	Sample ID:	DWQ Laboratory Sec AB62268	Collect Date:	08/17/2010	Collect Time::	15:12
VOL.	NONCOUDERTO	Sample ID.	AB02200	Conect Date.	08/1/12010	Conect Time	13.12
CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	<u>Units</u>	Method Reference	<u>Analysis</u> Date	Validated by
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
8-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	50 8/19/10	ACHANDLE
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
11-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
7-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
7-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE
<del></del> -	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLE

GROUNDWATER FIELD/LAB FORM  Department of Environment and Natural F	Resources
Location code NONCD 000 210 SAMPLE TYPE SAMPLE PRIORITY 10010534	TERSECTION C
County iRowcus A Routine Lab Number	10022101
South, Vest San Carrier San Ca	11,000
dad no Sendino	Time: 8:15
Lat Long Cother Rec'd By: NW) From	m:Bus, Courier, Hand Del.,
Chain of Custody  Other:	
Report To: ARO, FRO, MRO, RRO, WaRO, WiRO,  Data Entry By:	
WSRO, Kinston FO, Fed. Trust, Central Off., Other: Date Reported: Shipped by: Bus, Courier, Hand Del., Other: Purpose: Collector(s): Date \frac{\sigma/17/2010}{17/2010} Time \frac{1512}{152} Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Owner Richard & Sandra Callahan (circle one)	
Collector(s):  Date %/17/2013 Time 15.12- Baseline Compliance LUST Pesticide Study Federal	Trust Other
FIFI D ANALYSES  Owner Dichard & Davidson (circle one)	ridot, Other
pH 400 spec. Cond.94 at 25°C Location or Site 1725 West 12142 States bury	
Temp.10 — °C Odor none Description of sampling point hose this on spundation	
PH 400 — Spec. Cond.94 — at 25°C Location or Site 17.25 West Radge Statis bury  Temp.10 — °C Odor name Description of sampling point hese Rib on spandation  Appearance clear, color(esc Sampling Method pamps  Field Analysis By: D. Delarlo Remarks paraged is in in - anking on the filtered	terval
Field Analysis By: D. Decarco Remarks payed to infine air temp., etc.)  Remarks payed to infine air temp., etc.)	
	<del></del>
agricultural designation of the second secon	
ugic organismos motor o	sticides
age Introduces	
agric Commonwell Congument	
agric 11 H-best Range	
PH 403	<del> </del>
Alkalinity to pH 8.3 415 mg/L Volatile Organics (VOA	hottle)
Carbonate 445 mg/L NH <sub>3</sub> as N 610 mg/L Na-Sodium 46556 mg/L TPH-Gasoline Range	· Dower
Bicarbonate 440 mg/L TKN as N 625 mg/L Ni-Nickel ug/L TPH-BTEX Gasoline R	Zange
Carbon dioxide 405 mg/L NO <sub>2</sub> + NO <sub>3</sub> as N 630 mg/L Pb-Lead 46564 ug/L	
Chloride 940 mg/L P: Total as P 665 mg/L Se-Selenium ug/L	<del></del>
Chromium: Hex 1032         ug/L         Nitrate (NO₃ as N) 620         mg/L         Zn-Zinc 46567         ug/L	··· <del>·</del>
Color: True 80 CU Nitrite (NO <sub>2</sub> as N) 615 mg/L LAB USE ONLY	~
Cyanide 720 mg/L Temperature on arrival (	rc): <u>2,7</u>
Lab Comments	





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor

September 3, 2010

Mr. Stephen Meyers 260 Victoria Street Salisbury, North Carolina 28147

Re: Water Supply Well Sample, 260 Victoria Street, Salisbury, Rowan County, North Carolina

Parcel ID: 328B 113

Dear Mr. Meyers:

On August 17, 2010, I collected a sample from your potable water well. The sample was analyzed for a group of contaminants known as Volatile Organic Compounds (VOCs). VOCs include a variety of chemicals associated with solvents and petroleum products, which were our primary concern for this sampling event. The analysis conducted did not include substances other than VOCs that may occur naturally in groundwater or as a result of human activity, such as metals, nitrates, agricultural chemicals, and bacteria. A copy of the report for your well is enclosed.

The report states that no VOCs were detected in the sample at concentrations above their respective practical quantitation limit (PQL). The PQL is the concentration that must be present in the sample for the laboratory to reliably measure it. The PQLs for this sample were below applicable state and federal regulatory limits for VOCs in drinking water. If you have any questions about the sampling or lab report please email or write to me at the address below, or call me at (704) 663-1699. Thank you for your assistance and cooperation with this project.

Sincerely, Lathy 1 Burn

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosure: laboratory report

cc: Rowan County Health Dept.

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

NorthCarolina
Naturally

An Equal Opportunity \ Affirmative Action Employer

County:

ROWAN

River Basin Report To MROAP

Collector: Region:

D DECARLO

YES

MRO Sample Matrix: GROUNDWATER

Loc. Type: WATER SUPPLY Emergency Yes/No

COC Yes/No

NC WWO Laboratory Section Results
Same
Visitip





Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated:

Date Reported:

AB62265 10G0531 08/18/2010 08:15 SMATHIS 8/27/10 08/27/2010

Loc. Descr.: STEVE MEYERS

Locatio	on ID: NONCD0002110	Collect D	ate: 08/17/2010	Collect Time	12:49	Sample Depti	1
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
_AB	Sample temperature at receipt by lab		2.7	°C		8/19/10	SMATHIS
/OL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE

		NC 9	DWQ Laboratory Sec	tion Results			
Location ID:	NONCD0002110	Sample ID:	AB62265	Collect Date:	08/17/2010	Collect Time::	12:49
VOL			2 "				
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> <u>Qualifier</u>	<u>Units</u>	<u>Method</u> Reference	Analysis Date	Validated by
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
75-25-2	Bromoform .	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
530-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
	VOC'S BY GC/MS	.1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER

GROUNDWATER FIELD/LAB FO	ORM	DIVISION OF WAT	North Carolina f Environment and Natural Resources ER QUALITY-GROUNDWATER SECTION
Location code NONCD 000 2110	SAMPLE TYPE	SAMPLE PRIORITY 10	G0531 Ad. 22105
County Rowan	🔀 Water	⊠ Routine	Number / 190000
Quad No Serial No.	☐ Soil	Emergency (5)	te Received 8-18-10 Time: 8:15
Lat Long	Other	Re	c'd By: MO From:Bus, Courier, Hand Del.,
	☑ Chain of Custody	Ott	ner:
Report To: ARO, FRO MRO, RRO, WaRO, WiRO,			ta Entry By: Ck:
WSRO, Kinston FO, Fed. Trust, Central Off., Other:	:	Da	te Reported:
Shipped by: Bus, Qourier, Hand Del., Other:	Purpose:	Danaka - Ozwalaka Ozwalizaca 11107 5	
Collector(s): D. DeCar Co E	Date 5/1//2010 Time 1299	Baseline, Compilaint, Compilance, LUST, F	Pesticide Study, Federal Trust, Other:
pH <sub>400</sub> Spec. Cond. <sub>94</sub> —		te 260 Victoria Salisban	
Temp.10 °C Odor none	Description of	sampling point spigot on well	nead
Appearance <u>clear, wolovlos S</u>	Sampling Mot		Sample Interval
Field Analysis By: (). Decar Co	Remarks 7	word is min. Pumb. bailer. etc.)	
LABORATORY ANALYSES		(Pumpin	g time, air temp., etc.)
	Diss. Solids 70300 mg/L	Ag-Silver 46566 ug/L	Organochlorine Pesticides
COD High 340 mg/L FI	Fluoride 951 mg/L	Al-Aluminum 46557 ug/L	Organophosphorus Pesticides
<u> </u>	Hardness: Total 900 mg/L	As-Arsenic 46551 ug/L	Nitrogen Pesticides
Coliform: MF Fecal 31818 /100ml H.	Hardness (non-carb) 902 mg/L	Ba-Barium 46558 ug/L	Acid Herbicides
Coliform: MF Total 31504 /100ml PI	Phenois 32730 ug/l	Ca-Calcium 46552 mg/L	PCBs
TOC 680 mg/L S	Specific Cond. 95 µMhos/cm	Cd-Cadmium 46559 ug/L	
Turbidity 76 NTU Si	Sulfate 945 mg/L	Cr-Chromium 46559 ug/L	
Residue, Total Suspended 530 mg/L Si	Sulfide 745 mg/L	Cu-Copper 46562 ug/L	
		Fe-Iron 46563 ug/L	Semivolatile Organics
0	Oil and Grease mg/L	Hg-Mercury 71900 ug/L	TPH-Diesel Range
pH 403 units		K-Potassium 46555 mg/L	
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 46554 mg/L	
Alkalinity to pH 8.3 415 mg/L		Mn-Manganese 46565 ug/L	Volatile Organics (VOA bottle)
Carbonate 445 mg/L N	NH <sub>3</sub> as N 610 mg/L	Na-Sodium 46556 mg/L	TPH-Gasoline Range
Bicarbonate 440 mg/L TI	TKN as N 625 mg/L	Ni-Nickel ug/L	TPH-BTEX Gasoline Range
Carbon dioxide 405 mg/L N	NO <sub>2</sub> + NO <sub>3</sub> as N 630 mg/L	Pb-Lead 46564 ug/L	
Chloride 940 mg/L P:	P: Total as P 665 mg/L	Se-Selenium ug/L	
Chromium: Hex 1032 ug/L Ni	Nitrate (NO₃ as N) 620 mg/L	Zn-Zinc 46567 ug/L	
Color: True 80 CU N	Nitrite (NO <sub>2</sub> as N) 615 mg/L		LAB USE ONLY
Cyanide 720 mg/L			Temperature on arrival (°C):
Lab Comments			<u> </u>
<del></del>			





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

September 3, 2010

Governor

Beverly Eaves Perdue

Mr. Scott Lee Parish 225 Victoria Street Salisbury, North Carolina 28147

Re: Water Supply Well Sample, 225 Victoria Street, Salisbury, Rowan County, North Carolina

Parcel ID: 328B 044

Dear Mr. Parish:

On August 17, 2010, I collected a sample from your potable water well. The sample was analyzed for a group of contaminants known as Volatile Organic Compounds (VOCs). VOCs include a variety of chemicals associated with solvents and petroleum products, which were our primary concern for this sampling event. The analysis conducted did not include substances other than VOCs that may occur naturally in groundwater or as a result of human activity, such as metals, nitrates, agricultural chemicals, and bacteria. A copy of the report for your well is enclosed.

The report states that no VOCs were detected in the sample at concentrations above their respective practical quantitation limit (PQL). The PQL is the concentration that must be present in the sample for the laboratory to reliably measure it. The PQLs for this sample were below applicable state and federal regulatory limits for VOCs in drinking water. If you have any questions about the sampling or lab report please email or write to me at the address below, or call me at (704) 663-1699. Thank you for your assistance and cooperation with this project.

Sincerely,

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosure: laboratory report

cc: Rowan County Health Dept.

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115
Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

North Carolina *Naturally* 

County:

ROWAN

River Basin Report To

MROAP

Collector:

Region:

D DECARLO

Sample Matrix:

MRO GROUNDWATER

YES

WATER SUPPLY Loc. Type: Emergency Yes/No

COC Yes/No

NCONO Laboratory Section Results

Samp
PO Ni
Date F
Time F
Labwo
Report
Date R

Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated:

Date Reported:

AB62266 10G0532 08/18/2010 08:15 SMATHIS 8/27/10 08/27/2010

Loc. Descr.: SCOTT LEE PARISH

Locatio	on ID: NONCD0002110	Collect D	ate: 08/17/2010	Collect Time:	13:17	Sample Dept	n
CAS#	Analyte Name	PQL	Result/ Qualifier	Units	Method Reference	Analysis Date	Validated by
.AB	Sample temperature at receipt by lab		2.7	°C		8/19/10	SMATHIS
/OL	ouriple temperature at receipt by rab		2.1				
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
534-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE

		NC 4	DWQ Laboratory Sec	ction Results			
Location ID:	NONCD0002110	Sample ID:	AB62266	Collect Date:	08/17/2010	Collect Time::	13:17
VOL							
CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated b
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLE
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
30-20-6	1,1,1,2-Tetrachioroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
8-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
1-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
7-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
7-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE

GROUNDWATER FIELD/LAB FORM	Л	Department DIVISION OF WA	North Carolina of Environment and Natural Resources ATER QUALITY-GROUNDWATER SECTION
Location code NONCD COD ZIID	SAMPLE TYPE	SAMPLE PRIORITY I	C10532 Mb/22/06
County Rower	☑ Water		ab Number NUCT FUV
Quad No Serial No Lat Long	☐ Soil	-     / /- \	Date Received 8.18.10 Time: 8-15
Lat. Long.	☐ Other	111 \ - / -	Rec'd By: From:Bus, Courie), Hand Del.,
	☑ Chain of Custody		Rec'd By: From:Bus, Courie), Hand Del.,
Report To: ARO, FRO, MBO, RRO, WaRO, WiRO,		<del>rangal</del> c	Pata Entry By: Ck:
WSRO, Kinston FO, Fed. Trust, Central Off., Other:	<del></del>	ū	Pate Reported:
Shipped by: Bus Courier, Hand Del., Other:  Collector(s): Denice Decory Date 5	Purpose		
FIELD ANALYSES	7 17 20(1) Time 13 17	Baseline Complaint Compliance, LUST,	Pesticide Study, Federal Trust, Other:
		ott Lee Parish  Site 225 Victoria Salisbu	
Temp.10 °C Odor usm 9	at 25 0 Edeation of 6	of sampling point spicet next to	्ट्रें।
PH 400 Spec. Cond.94 Temp.10 °C Odor 150 Appearance Clear Colories 5 Field Analysis By: D. DeCar	Sampling Me	thad Division '	Sample Interval
Field Analysis By: D. DeCar Co	Remarks	occurred 17 minutes patter etc.)	
LABORATORY ANALYSES		(run)	ping time, air temp., etc.)
BOD 310 mg/L Diss. Soli		Ag-Silver 46566 ug/L	Organochlorine Pesticides
COD High 340 mg/L Fluoride 9	<del></del>	Al-Aluminum 46557 ug/L	Organophosphorus Pesticides
	: Total 900 mg/L	As-Arsenic 46551 ug/L	Nitrogen Pesticides
	(non-carb) 902 mg/L	Ba-Barium 46558 ug/L	Acid Herbicides
Coliform: MF Total 31504 /100ml Phenols 3		Ca-Calcium 46552 mg/L	PCBs
TOC 680 mg/L Specific C		Cd-Cadmium 46559 ug/L	-    <del> </del>
Turbidity 76 NTU Sulfate 94	<del></del>	Cr-Chromium 46559 ug/L	
Residue, Total Suspended 530 mg/L Sulfide 74	15 mg/L	Cu-Copper 46562 ug/L	
		Fe-Iron 46563 ug/L	Semivolatile Organics
Oil and G	rease mg/L	Hg-Mercury 71900 ug/L	TPH-Diesel Range
pH 403 units		K-Potassium 46555 mg/L	-
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 46554 mg/L	-
Alkalinity to pH 8.3 415 mg/L		Mn-Manganese 46565 ug/L	Volatile Organics (VOA bottle)
Carbonate 445 mg/L NH <sub>3</sub> as N		Na-Sodium 46556mg/L	TPH-Gasoline Range
Bicarbonate 440 mg/L TKN as N	625 mg/L	Ni-Nickel ug/L	TPH-BTEX Gasoline Range
	03 as N 630 mg/L	Pb-Lead 46564 ug/L	
Chloride 940 mg/L P: Total a		Se-Selenium ug/L	
	O <sub>3</sub> as N) 620 mg/L	Zn-Zinc 48567 ug/L	
Color: True 80 CU Nitrite (NC	0 <sub>2</sub> as N) 615 mg/L		LAB USE ONLY
Cyanide 720 mg/L			Temperature on arrival (°C):
Lab Comments			
	<del></del>		





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor

September 3, 2010

Phillip Keith Larsen and Debbie Lin Glover 270 Victoria Street Salisbury, North Carolina 28147

Re: Water Supply Well Sample, 270 Victoria Street, Salisbury, Rowan County, North Carolina

Parcel ID: 328B 114

Dear Mr. Larsen and Ms. Glover:

On August 17, 2010, I collected a sample from your potable water well. The sample was analyzed for a group of contaminants known as Volatile Organic Compounds (VOCs). VOCs include a variety of chemicals associated with solvents and petroleum products, which were our primary concern for this sampling event. The analysis conducted did not include substances other than VOCs that may occur naturally in groundwater or as a result of human activity, such as metals, nitrates, agricultural chemicals, and bacteria. A copy of the report for your well is enclosed.

The report states that no VOCs were detected in the sample at concentrations above their respective practical quantitation limit (PQL). The PQL is the concentration that must be present in the sample for the laboratory to reliably measure it. The PQLs for this sample were below applicable state and federal regulatory limits for VOCs in drinking water. If you have any questions about the sampling or lab report please email or write to me at the address below, or call me at (704) 663-1699. Thank you for your assistance and cooperation with this project.

Sincerely

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosure: laboratory report

cc: Rowan County Health Dept.

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

North Carolina Naturally

ROWAN County:

River Basin Report To

MROAP

YES

D DECARLO Collector: Region: MRO

Sample Matrix: GROUNDWATER Loc. Type: WATER SUPPL

Emergency Yes/No COC Yes/No

NGDWO Laboratory Section Results

Samp.
PO Ni
Date F
Time F
Labwc
Report
Date R

Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated: Date Reported:

AB62264 10G0530 08/18/2010 08:15 SMATHIS 8/27/10 08/27/2010

Loc. Descr.: LARSEN / GLOVER

Locatio	n ID: NONCD0002110	Collect D	ate: 08/17/2010	Collect Time:	12:33	Sample Depth	1
CAS#	Analyte Name	PQL	Result/ Qualifier	Units	Method Reference	Analysis Date	Validated by
LAB				**		0/40/40	CMATURE
	Sample temperature at receipt by lab		2.7	°C		8/19/10	SMATHIS
VOL					EDA 5030/004/0000	0/40/40	ACHANDIE
5 74 0	Volatile Organics in liquid		TITLE_	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
107-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
56-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
79-01-6	Trichloroethene	0.25		ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
5-27-4			Not detected				
	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLES
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE

		NC C	WQ Laboratory Sec	tion Results			
Location ID:	NONCD0002110	Sample ID:	AB62264	Collect Date:	08/17/2010	Collect Time:;	12:33
VOL							
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated by
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
8-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLER
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
41-73-1	m-Dichlorobenzene (1,3)	0.25 -	Not detected	ug/L	EPA5030/624/826	8/19/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
11-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
7-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLER

GROUNDWATER FIELD/LAB FORM					North Carolina Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION							
Location code NON C.D. 0	002110		SAMPLE TY	TYPE SAMPLE PRIORITY 0530				0530				
County Rowers  Quad No Seri		·	⊠ Water							h Number MINOTALU		
Quad No Seri	ial No	<u> </u>	Soil			Emergency		) 0	ate	Received 8.18.10 Time: 8.15  I By: Prom: Bus, Courier, Hand Del.,		
LatLon	g		☐ Other	•					ec'd	By: From: Bus, Courier, Hand Del.,		
			☑ Cha	in of Custody			`		ther	Entry By: Ck:		
Report To: ARO, FRO (MRO) R	RO, WaRO,	WiRO,					ij	D	ata i	Entry By: Ck:		
WSRO, Kinston FO, Fed Trust	, Central Off.	Other:						D	ate l	Reported:		
Shipped by: Bus, Courier/Hand	Del., Other:	D-1- 0	UEL 200 E	Purpose	:		\ <u>a</u> "		_	sticide Study, Federal Trust, Other:		
Collector(s): Dona C	Car CC	Date_ <u>8</u>	111 5010 114	ie 12.3.5	Base	eline, Complaint	, Complian	ce, LUST,	Pes	sticide Study, Federal Trust, Other:		
nH	Spec Con	d :	at 250C	Location or S	W.See	270 Victor	10 500	16 101 100	_	<del></del>		
PH 400 Temp.10 °C	C Odor # En	0.005000	a(200	Description of	one of san	npling point Sp	ocet co	15 00 10	<u> </u>	<del>7</del>		
Appearance clean, colorle	0.S.S	<u> </u>	32.0	Sampling Me	thod	Ding point of	1961 011	well r	<u> </u>	Sample Interval		
Appearance clear, colorly Field Analysis By: De Co	ar-Co			Remarks	Dur	Dimp ged 15 iniv	14 (Pumb.	bailer, etc.)				
<b>LABORATORY ANALYSES</b>				'				(Pump	ing tim	ne, air temp., etc.)		
BOD 310	mg/L	Diss. Soli	ds 70300	mg/L		Ag-Silver 46566		ug/L	76	Organochlorine Pesticides		
COD High 340	mg/L	Fluoride	51	mg/L		Al-Aluminum 4655	7	ug/L	77	Organophosphorus Pesticides		
COD Low 335	mg/L	Hardness	: Total 900	mg/L		As-Arsenic 46551		ug/L	7 6	Nitrogen Pesticides		
Coliform: MF Fecal 31616	/100mi	Hardness	(non-carb) 902	mg/L		Ba-Barium 46558		ug/L	7 -	Acid Herbicides		
Coliform: MF Total 31504	/100ml	Phenois 3	2730	ug/l		Ca-Calcium 46552		mg/L	7	PCBs		
TOC 680	mg/L	Specific (	ond. 95	µMhos/cm		Cd-Cadmium 4655	59	ug/L	7 F			
Turbidity 76	NTU	Sulfate 9	15	mg/L		Cr-Chromium 465	59	ug/L	7 6			
Residue, Total Suspended 530	mg/L	Sulfide 74	5	mg/L		Cu-Copper 46562		ug/L	7 6			
						Fe-Iron 46563		ug/L	7	Semivolatile Organics		
		Oil and G	rease	mg/L		Hg-Mercury 71900		ug/L	7	TPH-Diesel Range		
pH 403	units					K-Potassium 4655	5	mg/L	7			
Alkalinity to pH 4.5 410	mg/L					Mg-Magnesium 46	554	mg/L	7 6			
Alkalinity to pH 8.3 415	mg/L					Mn-Manganese 46	5565	ug/L	75	Volatile Organics (VOA bottle)		
Carbonate 445	mg/L	NH₃ as N	610	mg/L		Na-Sodium 46556		mg/L	75	TPH-Gasoline Range		
Bicarbonate 440	mg/L	TKN as N	625	mg/L		Ni-Nickel		ug/L	7 /	TPH-BTEX Gasoline Range		
Carbon dioxide 405	mg/L	NO <sub>2</sub> + NO	3 as N 630	mg/L		Pb-Lead 46564		ug/L	7			
Chloride 940	mg/L	P: Total a	s P 665	mg/L		Se-Selenium		ug/L	7 [			
Chromium: Hex 1032	ug/L	Nitrate (N	O <sub>3</sub> as N) 620	mg/L		Zn-Zinc 46567		ug/L	7 [			
Color: True 80	cu	Nitrite (N	O <sub>z</sub> as N) 615	mg/L					7 <u>[</u>	AB USE ONLY		
Cyanide 720	mg/L								יןך	remperature on arrival (℃):		
Lab Comments												





Division of Waste Management

Beverly Eaves Perdue Governor Dexter R. Matthews Director Dee Freeman Secretary

September 1, 2010

Mr. Carlton Myers 2725 Woodleaf Road Salisbury, North Carolina 28147

Re:

Water-Supply Wells, Parcel 328 B 037

Salisbury, North Carolina 28147

Dear Mr. Myers:

On August 23, 2010, the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Inactive Hazardous Site Branch (IHSB) sent you a letter stating that there was a "For Sale" sign observed on the referenced parcel during a recent visit to the area. Your son has stated that the sign was for an adjacent parcel, not the one owned by you. The sign was positioned such that this was not clear. I apologize for this misunderstanding, and any confusion that may have resulted.

However, the primary purpose of the August 23, 2010 letter was to notify you that IHSB has confirmed the presence of Volatile Organic Compounds (VOCs) in two water supply wells installed on Parcel 328 B 037, and to document that you, as the owner of record of Parcel 328 B 037, have been notified of this fact. IHSB provides notification to property owners of contamination on their property because, in accordance with the residential property disclosure act, it is your responsibility to disclose this contamination as part of the property sale if you sell it. You should also notify all current and future tenants of your property of the contamination in the wells located on your parcel.

The affected wells provide water to residences located at 3140 and 3150 Woodleaf Road. I was told that the wells are owned by the residents they serve, even though the land on which they were installed is not. Tetrachloroethene (PCE) was detected at a concentration of 11 micrograms per liter ( $\mu$ g/l) in a sample collected May 25, 2010 from the well supplying water to 3150 Woodleaf Road. This exceeds the federal drinking water standard of 5  $\mu$ g/l. Other VOCs were reported at concentrations below federal drinking water standards in a sample collected May 25, 2010 from the well supplying water to 3140 Woodleaf Road.

IHSB staff is continuing efforts to determine the source and distribution of VOCs in groundwater in the area of these wells. This will likely include additional sampling of the wells on your parcel to monitor changes in contaminant concentrations and distribution. You will be informed of the results of any future samples collected from the wells on your property.

If you have any questions please call (704) 663-1699, write, or email me at the address below.



Carlton Myers September 1, 2010 Page 2 of 2

Sincerel

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

cc: Rowan County Health Department

Rowan County Planning & Development





Division of Waste Management Dexter R. Matthews

Dee Freeman Secretary

August 30, 2010

Governor

Beverly Eaves Perdue

Mr. Bobby Kluttz 3045 Woodleaf Road Salisbury, North Carolina 28147

Re: Water-Supply Well Sample Results and Health Risk Evaluation

3045 Woodleaf Road

Salisbury, North Carolina 28147

Dear Mr. Kluttz:

On May 25, 2010, I collected a groundwater sample from your residential water supply well. The sample was analyzed for Volatile Organic Compounds (VOCs). VOCs include approximately 60 man-made chemicals found in solvents, petroleum fuels, and disinfectants with many household and industrial uses. Because VOCs were detected in your well, the results were submitted to the NCDENR toxicologist for a Health Risk Evaluation (HRE). All of the VOCs detected in your well were below applicable federal and state regulatory limits at the time the sample was collected. A copy of the HRE is enclosed. It states that your well water can be used for all household purposes. A copy of the laboratory report is also enclosed.

IHSB is continuing efforts to determine the source of these and other chemicals in area groundwater, and may want to sample your well again in the future. If you have any questions, please email or write to me at the addresses below, or call me at (704) 235-2166.

Thank you for your assistance and cooperation with this project.

Sincerel

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: HRE and Laboratory report

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: <a href="www.wastenotnc.org">www.wastenotnc.org</a>

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North Carolina Naturally

#### **MEMORANDUM**

TO:

Donna DeCarlo, Hydrogeologist

Superfund Section, IHSB

Inactive Hazardous Sites Branch

Superfund Section

FROM:

Hanna Assefa, Industrial Hygienist

Inactive Hazardous Sites Branch

Superfund Section

RE:

Health Risk Evaluation 3045 Woodleaf Road Salisbury, Rowan County

A water sample was collected from the water supply well at the subject address on May 25, 2010. None of the contaminants detected exceeded the applicable standards. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or

where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other residential purposes listed above. The table below compares the detected contaminant concentrations with the applicable standards:

Sample #	Chemical	05/25/2010 Concentrations Ug/l	USEPA MCL Ug/l	15A NCAC 2L Ug/I
ΛB588841	Methyl tertiary-butyl ether	4 ·		20
	Chloroform	0.38 N2	80	
	Benzene	0.77	5	
	o-Xylene	0.30	10,000	
	1,2,4-Trimethyl benzene	0.13 N3		400 -
	Disopropyl ether	0.65 N1		70

Incident No: NONCD0002110 - APS#87973 Parcel No: 328B 114
Please Provide the Following Information (to the best of your knowledge
Person completing the survey Name: Leth Larsen Telephone: Gog 253-0372 E-mail: Address of property receiving survey: 270 Victoria St  City: Salisbury  County: Rowan
What is the source of your drinking water? Public Water Water Supply Well Stream Intake / Other (please explain below)
Is there currently a water supply well on this property Yes/No  If "No": What date was alternate source of water obtained?  Name and address of owner(s) of property with water supply well  270 Victoria St
How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),  You do not use the Well (Date when was it last used).  How many residences are connected to the well (list addresses below)?
How deep (feet) is the well(s)?  What is the casing depth (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  Additional water supply well information:  Date well was installed?  What is the casing diameter (inches) of the well(s)?
When was the well(s) last tested (sampled)?  Who conducted the testing (sampling)?  What test (sampling) was conducted?
Please return completed survey to <u>Donna DeCarlo</u> by using one of the following methods:
1. Fax to: 704-663-6040
2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115 (
3. E-mail to: donna.decarlo@ncdenr.gov
If you have any questions, please email or call me in the NC DENR Mooresville Regional Office at (704) 663 - 1699

# Water Supply Well Information Survey

Please All set and Return, 225 Victoria Street Manks!

ncident No: NONCD0002110 - APS# Parcel No: 328B 044	87973	NO In80	NCI
Please Provid	e the Following Inform	nation (to the best of your knowl	edge)
Person completing the survey Name: Telephone: E-mail:		Recont work or Owner thinks we installed in	
Address of property receiving sur	vey:		Ö
City:	County:		
What is the source of your drinking water	er? Public Water / Wate	r Supply Well / Stream Intake / Otho	er (please explain below)
Is there currently a water supply well on If "No": What date was alternate source	this property? Yes / No re of water obtained?	. Please disregard remaining qu	uestions and return survey
Name and address of owner(s) of prope	rty with water supply wel		
What is the well(s) used for? (check all Drinking, Irrigation You do not use the Well (Date How many residences are connected to	Swimming Pool when was it last used	, Water Livestock, Other (	specify),
How deep (feet) is the well(s)? What is the casing depth (feet) of the w What is the screen interval (feet) of the		Date well was installed? What is the casing diameter (in	nches) of the well(s)?
Additional water supply well informati	on:		
When was the well(s) last tested (sample Who conducted the testing (sampling) What test (sampling) was conducted?			
Please return completed survey to	onna DeCarlo	by using one of the following me	thods:
1. Fax to: 704-663-6040		#201 Magranilla NG 20115 (	
	(10 Deat Conton A		2.4
Mail to: Division Of Waste Manage     3. E-mail to: donna.decarlo@ncdenr.g		/enue, #301, Mooresville NC 20113	

Person completing the survey, Candice Basinger  Incident No: NONCD0002110 - APS#87973  Please Provide the Following Information (to the best of your knowledge)  Person completing the survey, Candice Basinger
Please Provide the Following Information (to the best of your knowledge)
Name: (Sary & Debbie 13as/15e) Telephone: (204) 2/3-1201
Address of property receiving survey: 325 Victoria 57.
City: Salisbury County: Rowan
What is the source of your drinking water? Public Water Water Supply Well/ Stream Intake / Other (please explain below)
Is there currently a water supply well on this property? Yes No  If "No": What date was alternate source of water obtained?  Name and address of owner(s) of property with water supply well  Same
How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),  You do not use the Well (Date when was it last used).  How many residences are connected to the well (list addresses below)?
How deep (feet) is the well(s)?  What is the casing depth (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  Additional water supply well information:  Date well was installed?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?
When was the well(s) last tested (sampled)? Don't Know Who conducted the testing (sampling)? What test (sampling) was conducted?
Please return completed survey to by using one of the following methods:
1. Fax to: 704-663-6040
2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115
3. E-mail to: donna.decarlo@ncdenr.gov
If you have any questions, please email or call me in the NC DENR Mooresville Regional Office at (704) 663 - 1699

Incident No: NONCD0002110 - APS#87973 Parcel No: 328B 113	NCDE AL
Please Provide the Following Information (to the	best of your knowledge)
Person completing the survey  Name: STEPHEN J. MEYERS  Telephone: 336-425-4023  E-mail:	best of your knowledge)  MRO HSB
Address of property receiving survey: 260 VICTORIA ST.	
City: SAlizbury County:	
What is the source of your drinking water? Public Water / Water Supply Well	Stream Intake / Other (please explain below)
Is there currently a water supply well on this property? Yes/ No  If "No": What date was alternate source of water obtained?  Please of	disregard remaining questions and return survey
Name and address of owner(s) of property with water supply well  STEPHEN S. MEXERS  265 VICTORIA 37. SAUS builty N.C. 2817  How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking	
	ll was installed? 5-2-08
How deep (feet) is the well(s)?  What is the casing depth (feet) of the well(s)?  Date we What is	the casing diameter (inches) of the well(s)?
What is the casing depth (feet) of the well(s)?	
Additional water supply well information:	
When was the well(s) last tested (sampled)? Who conducted the testing (sampling)? What test (sampling) was conducted?	
Please return completed survey to by using or	ne of the following methods:
1. Fax to: 704-663-6040	
2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mo	poresville NC 28115
3. E-mail to: donna.decarlo@ncdenr.gov	
If you have any questions, please email or call me in the NC DENR	Mooresville Regional Office at (704) 663 - 1699





Dexter R. Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor Dee Freeman, Secretary

August 24, 2010

Bobby Reed 3140 Woodleaf Road Salisbury, NC 28147

Re:

Health Risk Evaluation

Residential Water Supply Well Sampling Results

3140 Woodleaf Road

Salisbury, Rowan County, North Carolina

Dear Mr. Reed:

On August 6, 2010, I sent you a letter with the laboratory results for the samples I collected you're your residential water supply well on May 25, 2010 and June 1, 2010. The August 6 letter stated that a request for a Health Risk Evaluation (HRE) was submitted to a toxicologist but had not yet been received. The table in the August 6 letter showed that the concentrations of Carbon tetrachloride, Naphthalene, Chloroform detected in your well were below applicable federal and state regulatory limits at the time the sample was collected. A copy of the HRE is enclosed. It states that your well water can be used for all household purposes. I apologize for the delay in getting the HRE to you.

Thank you for your cooperation. IHSB is continuing efforts to determine the source of these and other chemicals in area groundwater, and may want to sample your well again in the future. If you have any questions, please email me at <a href="mailto:donna.decarlo@ncdenr.gov">donna.decarlo@ncdenr.gov</a>, or call me at (704) 235-2166.

Sincerely

Donna Marie DeCarlo, Hydrogeologist

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

#### **MEMORANDUM**

TO:

Donna DeCarlo, Hydrogeologist

Superfund Section, IHSB

Inactive Hazardous Sites Branch

Superfund Section

FROM:

Hanna Assefa, Industrial Hygienist

Inactive Hazardous Sites Branch

Superfund Section

RE:

Health Risk Evaluation 3140 Woodleaf Road Salisbury, Rowan County

A water sample was collected from the water supply well at the subject address on May 25, 2010. None of the contaminants detected exceeded the applicable standards. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L). A health-based concentration was calculated for naphthalene.

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other residential purposes listed above. The table below compares the detected contaminant concentrations with the applicable standards:

Sample #	Chemical	05/25/2010 Concentrations Ug/l	USEPA MCL Ug/l	Calculated Health-based Concentration Ug/l
AB58843	Chloroform	0.21 N3	80	
	Carbon tetrachloride	0.26	5	
	Napthalene	0.39 N3		100

Ug/I = Micrograms of contaminant per liter of water.

N3: Estimated concentration above the laboratory Method Detection Limit but below the Practical Quantitiation Limit





Division of Waste Management Dexter R. Matthews

Director

Dee Freeman Secretary

August 23, 2010

Governor

Beverly Eaves Perdue

Mr. Carlton Myers 2725 Woodleaf Road Salisbury, North Carolina 28147

Re:

Water-Supply Wells, Parcel 328 B 037

Salisbury, North Carolina 28147

Dear Mr. Myers:

Rowan County GIS on-line property data indicates that you are the owner of tax parcel 328 B 037, located on the southeast corner of Woodleaf and West Ridge Roads in Salisbury. On March 25, 2010, the North Carolina Department of Environment and Natural Resources (NCDENR), Division of Waste Management, Superfund Section, Inactive Hazardous Sites Branch (Branch) sampled two water supply wells located on this parcel. These wells provide water to two residences located at 3150 and 3140 Woodleaf Road. This letter is to notify you that Volatile Organic Compounds (VOCs) were detected in both wells. Tetrachloroethene, also known as Perchloroethene or PCE, was detected at a concentration of 11 micrograms per liter (µg/l), which exceeds the federal drinking water standard of 5 µg/l, in the well supplying water to 3150 Woodleaf Road. Copies of the laboratory analytical reports for both samples are attached. Branch staff are in the process of attempting to determine the source and distribution of VOCs in area groundwater.

A "For Sale" sign was seen on this parcel during a recent visit to the area. In accordance with the residential property disclosure act, it is your responsibility to disclose this contamination as part of the property sale. You should also notify all current and future tenants of your property of the contamination detected in the wells located on this parcel.

If you have any questions please call (704) 663-1699 or write or email me at the address below.

Sincerely

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

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### Page 2 of 2

Superfund Section - Inactive Hazardous Sites Branch donna.decarlo@ncdenr.gov

Enclosures: Lab reports

cc:

Rowan County Health Department Rowan County Planning & Development

GROUNDWATER FIELD/LAB FORM	1			North Carolina Environment and Natural Resources R QUALITY-GROUNDWATER SECTION
Location code NCNCD CCC 2/10	SAMPLE TYPE	SAMPLE PRIORITY		
County Cowcen	☑ Water	X Routine	Lab	Number
Quad No Serial No.   Lat. Long.	☐ Soil ☐ Other	☐ Emergency	Rec	e ReceivedTime:
Report To: ARO, FRO MRO, RRO, WaRO, WiRO, WSRO, Kinston FO, Fed. Trust, Central Off., Other: Shipped by: Bus, Courier, Hand Del., Other: Collector(s): Date 37 FIELD ANALYSES DH 400 Spec. Cond. 94	Purpose	e:  Baseline Complaint Co	Data	er: Ck: Ck: Ck: Ck: Ck: Principle Study, Federal Trust, Other:
FIELD ANALYSES	Owner St	eve Medeves	(circle one)	esticide Study, i ederai Trust, Other
PH 400 Spec. Cond.94			C	
Temp. <sub>10</sub> °C Odor neme	Description of	of sampling point spice ethod நடிவு	ect on well h	ecid
Appearance clear, color less Field Analysis By: D. DeCar Lo	Sampling Me	purged 15 min.	(Pump, bailer, etc.)	Sample Interval
LABORATORY ANALYSES		bang a 19 MILLI	(Pumping	time, air temp., etc.)
BOD 310 mg/L Diss. Solid	s 70300 mg/L	Ag-Silver 46566	ug/L	Organochlorine Pesticides
COD High 340 mg/L Fluoride 9	51 mg/L	Al-Aluminum 46557	ug/L	Organophosphorus Pesticides
COD Low 335 mg/L Hardness:	Total 900 mg/L	As-Arsenic 46551	ug/L	Nitrogen Pesticides
Coliform: MF Fecal 31616 /100ml Hardness	(non-carb) 902 mg/L	Ba-Barium 46558	ug/L	Acid Herbicides
Coliform: MF Total 31504 /100ml Phenois 3:	2730 ug/l	Ca-Calcium 46552	mg/L	PCBs
TOC 680 mg/L Specific C	ond, 95 µMhos/cm	Cd-Cadmium 46559	ug/L	
Turbidity 76 NTU Sulfate 94	5 mg/L	Cr-Chromium 46559	ug/L	
Residue, Total Suspended 530 mg/L Sulfide 74	5 mg/L	Cu-Copper 46562	ug/L	
		Fe-Iron 46563	ug/L	Semivolatile Organics
Oil and Gr	ease mg/L	Hg-Mercury 71900	ug/L	TPH-Diesel Range
pH 403 units		K-Potassium 46555	mg/L	
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 46554	mg/L	
Alkalinity to pH 8.3 415 mg/L		Mn-Manganese 46565	ug/L	Volatile Organics (VOA bottle)
Carbonate 445 mg/L NH <sub>3</sub> as N (	310 mg/L	Na-Sodium 46556	mg/L	TPH-Gasoline Range
Bicarbonate 440 mg/L TKN as N	625 mg/L	Ni-Nickel	ug/L	TPH-BTEX Gasoline Range
Carbon dioxide 405 mg/L NO₂ + NO	3 as N 630 mg/L	Pb-Lead 46564	ug/L	
Chloride 940 mg/L P: Total as	P 665 mg/L	Se-Selenium	ug/L	
Chromium: Hex 1032 ug/L Nitrate (NO	D <sub>3</sub> as N) 620 mg/L	Zn-Zinc 46567	ug/L	
Color: True 80 CU Nitrite (NC	<sub>2</sub> as N) 615 mg/L			LAB USE ONLY
Cyanide 720 mg/L				Temperature on arrival (°C):
Lab Comments				

GROUNDWATER FIELD/LAB FORM	1	North Carolina  Department of Environment and Natural Resources  DIVISION OF WATER QUALITY-GROUNDWATER SECTION					
Location code NONCD CCC ZIID	SAMPLE TYPE	SAMPLE PRIORITY	WHEN CONTROL OF THE NEW YORK O				
County REWENT	☑ Water	☑ Routine	Lab Number				
Quad No Serial No. Long.	☐ Soil ☐ Other	Emergency ( C)	Date Received Time:  Rec'd By: From:Bus, Courier, Hand Del.,				
	도 Chain of Custody		Other:				
Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, WSRO, Kinston FO, Eed. Trust, Central Off., Other:		<u></u>	Other: Ck: Ck: Date Reported:				
Shipped by: Bus (Courier, Hand Del., Other:	Purpose:		Date Nepotied.				
Shipped by: Bus Courier, Hand Del., Other: Collector(s): Denies De Courier Date 9 FIELD ANALYSES		Baseline Complaint) Compliance, LUS สป Lec Paris ท	ST, Pesticide Study, Federal Trust, Other:				
PH 400 Spec. Cond.94 Temp.10 °C Odor	at 25°C Location or S	ite 225 Victoria Scilis b	iin				
Temp. <sub>10</sub> °C, Odor nsno	Description of	f sampling point 5 Diget next +	o cell				
Appearance Company Control Con	Sampling Met	thod Damp	Sample Interval				
LABORATORY ANALYSES	Remarks_D	Civized 17 minute (Pump, bailer, etc.)	umping time, air temp., etc.)				
BOD 310 mg/L Diss. Soli	ids 70300 mg/L	Ag-Silver 46566 ug	g/L Organochlorine Pesticides				
COD High 340 mg/L Fluoride 9	951 mg/L	Al-Aluminum 46557 ug	g/L Organophosphorus Pesticides				
COD Low 335 mg/L Hardness	s: Total 900 mg/L	As-Arsenic 46551 ug	g/L Nitrogen Pesticides				
Coliform: MF Fecal 31616 /100ml Hardness	s (non-carb) 902 mg/L	Ba-Barium 46558 us	g/L Acid Herbicides				
Coliform: MF Total 31504 /100ml Phenols 3	32730 ug/l	Ca-Calcium 46552 m	ng/L PCBs				
TOC 680 mg/L Specific C	Cond. 95 µMhos/cm	Cd-Cadmium 46559	g/L				
Turbidity 76 NTU Sulfate 9	45 mg/L	Cr-Chromium 46559	g/L				
Residue, Total Suspended 530 mg/L Sulfide 74	45 mg/L	Cu-Copper 46562	g/L				
		Fe-Iron 46563 u	g/L Semivolatile Organics				
Oil and G	Grease mg/L	Hg-Mercury 71900	g/L TPH-Diesel Range				
pH 403 units		K-Potassium 46555 m	ng/L				
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 46554 m	ng/L				
Alkalinity to pH 8.3 415 mg/L		Mn-Manganese 46565 u	g/L Volatile Organics (VOA bottle)				
Carbonate 445 mg/L NH <sub>3</sub> as N	1610 mg/L	Na-Sodium 46556 m	ng/L TPH-Gasoline Range				
Bicarbonate 440 mg/L TKN as h	N 625 mg/L	Ni-Nickel u	g/L TPH-BTEX Gasoline Range				
Carbon dioxide 405 mg/L NO <sub>2</sub> + No	O <sub>3</sub> as N 630 mg/L	Pb-Lead 46564 u	g/L				
Chloride 940 mg/L P: Total a	as P 665 mg/L	Se-Selenium u	g/L				
Chromium: Hex 1032 ug/L Nitrate (N	NO₃ as N) 620 mg/L	Zn-Zinc 46567 u	g/L				
Color: True 80 CU Nitrite (N	IO₂ as N) 615 mg/L		LAB USE ONLY				
Cyanide 720 mg/L			Temperature on arrival (°C):				
Lab Comments		<u> </u>					

North Carolina  GROUNDWATER FIELD/LAB FORM  Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
County KCCCCCVI Lab Number Lab Number Lab Number	
Lat. Long. Other Rec'd By: From:Bus, Courier, Han	d Del.,
Report To: ARO, FRO, MRO RRO, WaRO, WiRO,    MRO RRO, WaRO, WiRO,   MRO Custody   Other: Ck: Ck:	
WSRO, Kinston FO, Fed. Trust, Central Off., Other:	
Shipped by: Bus, Courier, Hand Del., Other: Purpose:  Collector(s): Date 17/200 Time 1410 Baseline Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other:  Owner Cicing Page (circle one)	
Collector(s): Date-1/1/2010 Time 141D Baseline Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other:	
FIELD ANALYSES Owner Ciary Passing ex	<del></del>
pH 400 Spec. Cond.94 at 25°C Location or Site 325 Victoria, Sortis bury	
pH 400 Spec. Cond.94 at 25°C Location or Site 325 Victoria, 53 (15 ביו	
Appearance <u>Clean Color (Color Color Colo</u>	
LABORATORY ANALYSES  (Pumping time, air temp., etc.)	
BOD 310 mg/L Diss, Solids 70300 mg/L Ag-Silver 46566 ug/L Organochlorine Pesticides	
COD High 340 mg/L Fluoride 951 mg/L Al-Aluminum 46557 ug/L Organophosphorus Pesticides	
COD Low 335 mg/L Hardness: Total 900 mg/L As-Arsenic 46551 ug/L Nitrogen Pesticides	
Coliform: MF Fecal 31616 /100ml Hardness (non-carb) 902 mg/L Ba-Barium 46558 ug/L Acid Herbicides	
Coliform: MF Total 31504	
TOC 680 mg/L Specific Cond. 95 μMhos/cm Cd-Cadmium 46559 ug/L	
Turbidity 76 NTU Sulfate 945 mg/L Cr-Chromium 46559 ug/L	
Residue, Total Suspended 530 mg/L Sulfide 745 mg/L Cu-Copper 46562 ug/L	
Fe-Iron 46563 ug/L Semivolatile Organics	
Oil and Grease mg/L Hg-Mercury 71900 ug/L TPH-Diesel Range	
pH 403 units K-Potassium 46555 mg/L	
Alkalinity to pH 4.5 410 mg/L Mg-Magnesium 46554 mg/L	
Alkalinity to pH 8.3 415 mg/L Volatile Organics (VOA bottle)	
Carbonate 445 mg/L NH <sub>3</sub> as N 610 mg/L Na-Sodium 46556 mg/L TPH-Gasoline Range	
Bicarbonate 440 mg/L TKN as N 625 mg/L Ni-Nickel ug/L TPH-BTEX Gasoline Range	
Carbon dioxide 405 mg/L NO <sub>2</sub> + NO <sub>3</sub> as N 630 mg/L Pb-Lead 46564 ug/L	
Chloride 940 mg/L P: Total as P 665 mg/L Se-Selenium ug/L	
Chromium: Hex 1032 ug/L Nitrate (NO₃ as N) 620 mg/L Zn-Zinc 46567 ug/L	
Color: True 80 CU Nitrite (NO <sub>2</sub> as N) 615 mg/L LAB USE ONLY	
Cyanide 720 mg/L Temperature on arrival (°C):	
Lab Comments	
·	

GROUNDWATER FIELD/LAB FORM	1			North Carolina Environment and Natural Resources R QUALITY-GROUNDWATER SECTION
Location code NONCD COU 2110	SAMPLE TYPE	SAMPLE PRIORITY		
County REWEIN	⊠ Water	Routine	Lab	Number
Quad No Serial No. — Lat Long	☐ Soil☐ Other☐ Chain of Custody	☐ Emergency	Rec'	Received Time: d By: From:Bus, Courier, Hand Del., er:
Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, WSRO, Kinston FO, Fed. Trust, Central Off., Other:  Shipped by: Bus. Courier Hand Del., Other:		:	Data Date	Entry By: Ck:
Shipped by: Bus, Courier, Hand Del., Other:  Collector(s):  PIELD ANALYSES  PH 400  Spec. Cond.94	7/17/2010 Time 15/2	Baseline, Complaint, C	Compliance, LUST, Pe	esticide Study, Federal Trust, Other:
PH 400 Spec. Cond.94  Temp.10 °C Odor wre  Appearance clean, with esc	Description of	of sampling point hes	e 15,10 cm Journ	dation
LABORATORY ANALYSES	· · · · · · · · · · · · · · · · · · ·		(Pumping	time, air temp., etc.)
	ds 70300 mg/L	Ag-Silver 46566	ug/L	Organochtorine Pesticides
COD High 340 mg/L Fluoride	<u> </u>	Al-Aluminum 46557	ug/L	Organophosphorus Pesticides
	:: Total 900 mg/L	As-Arsenic 46551	ug/L	Nitrogen Pesticides
	s (non-carb) 902 mg/L	Ba-Barium 46558	ug/L	Acid Herbicides
Coliform: MF Total 31504 /100ml Phenols		Ca-Calcium 46552	mg/L	PCBs
	Cond. 95 µMhos/cm	Cd-Cadmium 46559		
Turbidity 76 NTU Sulfate 9	<del></del>	Cr-Chromium 46559	ug/L	
Residue, Total Suspended 530 mg/L Sulfide 7	45 mg/L	Cu-Copper 46562	ug/L	<u> </u>
		Fe-Iron 46563	ug/L	Semivolatile Organics
Oil and (	Grease mg/L	Hg-Mercury 71900	ug/L	TPH-Diesel Range
pH 403 units		K-Potassium 46555	mg/L	
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 4655		
Alkalinity to pH 8.3 415 mg/L		Mn-Manganese 4656	55 ug/L	Volatile Organics (VOA bottle)
Carbonate 445 mg/L NH <sub>3</sub> as f	1610 mg/L	Na-Sodium 46556	mg/L	TPH-Gasoline Range
Bicarbonate 440 mg/L TKN as	N 625 mg/L	Ni-Nickel	ug/L	TPH-BTEX Gasoline Range
Carbon dioxide 405 mg/L NO <sub>2</sub> + N	O <sub>3</sub> as N 630 mg/L	Pb-Lead 46564	ug/L_	
Chloride 940 mg/L P: Total	as P 665 mg/L	Se-Selenium	ug/L	
Chromium: Hex 1032 ug/L Nitrate (	NO <sub>3</sub> as N) 620 mg/L	Zn-Zinc 46567	ug/L	
Color: True 80 CU Nitrite (N	O <sub>2</sub> as N) 615 mg/L			LAB USE ONLY
Cyanide 720 mg/L				Temperature on arrival (°C):
Lab Comments ·				

### Report to:

NC DENR/DWQ LABORATORY (check one):

### **GROUNDWATER SECTION**

### CHAIN OF CUSTODY (COC) RECORD

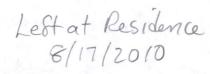
[☑] CENTRAL [☐] ARO [☐] WaRO

For Investigation	on of: wiced	eich 12d				\		Incident	No. N	CNCD	000	02110
Sample collector and GW-54 form	r (print name) ns completed by	Doine De	درده کن collector's	signatu	ire: IL	Fro Mee		<u> </u>				
Field storage co.	nditions and loca	ation (when applic	able):									
Lab Use Only	T -				<del></del> ·_			DATE	TIME		N	UMBER OF
LAB NO.	SAMPLE ID	QUAD. NO.	LOC	ATION				DATE SAMPLED	SAMI		CON	TAINERS
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	5		26	0 1/10	torio	St.		6/17/2010	i2	49	Ĺ	1
	6	<del></del>	2	25 V	ictori	a St.		3/17/2010	13	i7	ų	i
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Method of Ship	ment (check one	): State Courier	Hand-de	elivered	I∐ Fe 	deral Express	UPS	Other:				
Security Type a	nd Conditions:	Sealed by:	2-CO	<u> </u>	<u> </u>	Broken t	by: 					
INTRALABOR	ATORY CHAI	N OF CUSTODY	- Lab U	se Onl	y							
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#### GROUNDWATER FIELD/LAB FORM Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION Location code NON CD CCO 2110 SAMPLE TYPE SAMPLE PRIORITY County Rowers ✓ Water Routine Lab Number\_\_\_\_\_ Quad No \_\_\_\_\_\_ Serial No. \_\_\_\_\_\_ Lat. \_\_\_\_\_\_\_ Long. ☐ Emergency ☐ Soil Date Received\_\_\_\_\_Time:\_\_\_\_ Other Rec'd By: From:Bus, Courier, Hand Del., Other:\_\_\_\_ ☑ Chain of Custody Report To: ARO, FRO (MRO) RRO, WaRO, WiRO, Data Entry By:\_\_\_\_\_ Ck:\_\_\_ WSRO, Kinston FO, Fed. Trust, Central Off., Other:\_\_\_\_\_ Date Reported: Shipped by: Bus, Courier Hand Del., Other: Purpose: Collector(s): Dovins De Car Co Date 5/17/ 2010 Time 12.3.5 Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: Owner Larsen / Gilever (circle one) Location or Site 270 Victoria Salisbury FIELD ANALYSES PH 400 Spec. Cond.94 at 25°C Temp.10 °C Odor Core Colserve & Description of sampling point spigot on well weed Appearance Clear, calciles S Field Analysis By: De Care Co Sampling Method Pump Remarks Purched 15: nine (Pump, bailer, etc.) Sample Interval LABORATORY ANALYSES (Pumping time, air temp., etc.) **BOD 310** Diss. Solids 70300 Ag-Silver 46566 mg/L mg/L ug/L Organochlorine Pesticides COD High 340 mg/L Fluoride 951 mg/L Al-Aluminum 46557 Organophosphorus Pesticides ug/L COD Low 335 Hardness: Total 900 As-Arsenic 46551 mg/L mg/L ug/L Nitrogen Pesticides Coliform: MF Fecal 31616 /100ml Hardness (non-carb) 902 mg/L Ba-Barium 46558 ug/L Acid Herbicides Coliform: MF Total 31504 /100ml Phenois 32730 Ca-Calcium 46552 ua/l PCBs mg/L **TOC 680** mg/L Specific Cond. 95 µMhos/cm Cd-Cadmium 46559 uq/L Turbidity 76 NTU Sulfate 945 Cr-Chromium 46559 mg/L ug/L Sulfide 745 Residue, Total Suspended 530 Cu-Copper 46562 mg/L mg/L ug/L Fe-Iron 46563 ug/L Semivolatile Organics Oil and Grease Hg-Mercury 71900 mg/L ug/L TPH-Diesel Range pH 403 units K-Potassium 46555 mg/L Alkalinity to pH 4.5 410 mg/L Mg-Magnesium 46554 mg/L Alkalinity to pH 8.3 415 Mn-Manganese 46565 mg/L ug/L Volatile Organics (VOA bottle) Na-Sodium 46556 Carbonate 445 mg/L NH<sub>3</sub> as N 610 mg/L TPH-Gasoline Range mg/L Ni-Nicket Bicarbonate 440 TKN as N 625 mg/L mg/L ug/L TPH-BTEX Gasoline Range Carbon dioxide 405 mg/L NO2 + NO3 as N 630 ma/L Pb-Lead 46564 ug/L Chloride 940 P: Total as P 665 Se-Selenium mg/L mg/L ug/L Nitrate (NO<sub>3</sub> as N) 620 Zn-Zinc 46567 Chromium: Hex 1032 ug/L mg/L ug/L LAB USE ONLY Color: True 80 CU Nitrite (NO<sub>2</sub> as N) 615 mg/L Temperature on arrival (°C): Cyanide 720 mg/L Lab Comments

North Carolina





Division of Waste Management

Dexter R. Matthews

Director

Dee Freeman Secretary

August 17, 2010

Governor

Beverly Eaves Perdue

Current Owner or Occupant 225 Victoria Street, Salisbury NC

Re: Water-Supply Well Information Survey & Sampling Request

Dear Property Owner or Tenant:

The Division of Waste Management's Superfund Section, Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. Our files, and information from Rowan County and/or the City of Salisbury indicate that you are the owner or tenant of a parcel that does not have access to a municipal water source, and that ground water wells are the source of drinking water for your home and your neighbors. The purpose of the well survey and sampling is to determine if your well has been affected by ground water contamination so that action can be taken to protect your health if necessary.

You may have received a letter in June stating that the sampling event would take place in late July 2010. Due to a poor response to the earlier letter, sampling was postponed. We will be in the area August 17 and would like to sample your well if possible. As stated in the previous letter, there will be no cost to you to have the Branch sample a drinking water supply well at your residence. If there is an outdoor spigot, we will not need to enter your home, and you do not have to be present when the sample is collected. The sample will be submitted for laboratory analyses, and the results will be sent to you.

The "Water Supply Well Information Survey Form" on the back of this page should be completed to the best of your ability and mailed back using the prepaid self-addressed envelope provided. If your property obtains drinking (potable) water from a public source, such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at donna.decarlo@ncdenr.gov. Thank you for your assistance and cooperation.

Sincerely,

Donna Marie DeCarlo, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115

Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

North Carolina Naturally

the that the bear ....

Incident No: NONCD0002110 - APS#87973 Parcel No: 328B 044
Please Provide the Following Information (to the best of your knowledge)
Person completing the survey
Name:
Telephone:
E-mail:
Address of property receiving survey:
City: County:
What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other (please explain below)
Is there currently a water supply well on this property? Yes / No  If "No": What date was alternate source of water obtained? Please disregard remaining questions and return survey
Name and address of owner(s) of property with water supply well
How many water supply wells are on your property?
What is the well(s) used for? (check all that apply)  Drinking Pool Water Livestock Other (specify)
Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify), You do not use the Well (Date when was it last used).
How many residences are connected to the well (list addresses below)?
How deep (feet) is the well(s)?  Date well was installed?
What is the casing depth (feet) of the well(s)? What is the casing diameter (inches) of the well(s)?
What is the screen interval (feet) of the well(s)?
Additional water supply well information:
When was the well(s) last tested (sampled)?
When was the well(s) last tested (sampled)?  Who conducted the testing (sampling)?
What test (sampling) was conducted?
Please return completed survey to <u>Donna DeCarlo</u> by using one of the following methods:
1. Fax to: 704-663-6040
2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115
3. E-mail to: donna.decarlo@ncdenr.gov
If you have any questions, please email or call me in the NC DENR Mooresville Regional Office at (704) 663 - 1699



Division of Waste Management Dexter R. Matthews

Beverly Eaves Perdue Governor

Director

Dee Freeman

AUG 3 0 2010

NCDENR M

August 17, 2010

Current Owner or Occupant 280 Victoria Street, Salisbury NC

Water-Supply Well Information Survey & Sampling Request Re:

Dear Property Owner or Tenant:

The Division of Waste Management's Superfund Section, Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. Our files, and information from Rowan County and/or the City of Salisbury indicate that you are the owner or tenant of a parcel that does not have access to a municipal water source, and that ground water wells are the source of drinking water for your home and your neighbors. The purpose of the well survey and sampling is to determine if your well has been affected by ground water contamination so that action can be taken to protect your health if necessary.

You may have received a letter in June stating that the sampling event would take place in late July 2010. Due to a poor response to the earlier letter, sampling was postponed. We will be in the area August 17 and would like to sample your well if possible. As stated in the previous letter, there will be no cost to you to have the Branch sample a drinking water supply well at your residence. If there is an outdoor spigot, we will not need to enter your home, and you do not have to be present when the sample is collected. The sample will be submitted for laboratory analyses, and the results will be sent to you.

The "Water Supply Well Information Survey Form" on the back of this page should be completed to the best of your ability and mailed back using the prepaid self-addressed envelope provided. If your property obtains drinking (potable) water from a public source, such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at donna.decarlo@ncdenr.gov. Thank you for your assistance and cooperation.

Sincerely.

Donna Marie DeCarlo, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

Incident No: NONCD0002110 - APS#87973 Parcel No: 328B 115
Please Provide the Following Information (to the best of your knowledge)
Person completing the survey Name: Donna P. Willis Telephone: 704 6 336 144 E-mail: +djr.willis C yah \omega.com
Addréss of property receiving survey: 280 Victoria Street
City: Salisbury County: Rowan
What is the source of your drinking water? Public Water (Water Supply Well) / Stream Intake / Other (please explain below)
Is there currently a water supply well on this property? (Yes) No  If "No": What date was alternate source of water obtained?  Please disregard remaining questions and return survey  . Please disregard remaining questions and return survey
Name and address of owner(s) of property with water supply well
Donna P. Willis
How many water supply wells are on your property? (1) one
What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify), Other (specify), Use You do not use the Well, (Date when was it last used).
How many residences are connected to the well (list addresses below)?
one (my house only)
How deep (feet) is the well(s)?  Date well was installed?
What is the casing depth (feet) of the well(s)?  What is the casing diameter (inches) of the well(s)?
What is the screen interval (feet) of the well(s)?
Additional water supply well information: Lyable to locate info
I bought home July 2008 - new construction
7
I will try to find this information
When was the well(s) last tested (sampled)?
Who conducted the testing (sampling)?
What test (sampling) was conducted?
Please return completed survey to by using one of the following methods:
1. Fax to: 704-663-6040
2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115
3. E-mail to: donna.decarlo@ncdenr.gov
If you have any questions, please email or call me in the NC DENR Mooresville Regional Office at (704) 663 - 1699





Division of Waste Management

Beverly Eaves Perdue Governor Dexter R. Matthews Director

Dee Freeman Secretary

August 17, 2010

Current Owner or Occupant 360 Victoria Street, Salisbury NC

Re: Water-Supply Well Information Survey & Sampling Request

Dear Property Owner or Tenant:

The Division of Waste Management's Superfund Section, Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. Our files, and information from Rowan County and/or the City of Salisbury indicate that you are the owner or tenant of a parcel that does not have access to a municipal water source, and that ground water wells are the source of drinking water for your home and your neighbors. The purpose of the well survey and sampling is to determine if your well has been affected by ground water contamination so that action can be taken to protect your health if necessary.

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The "Water Supply Well Information Survey Form" on the back of this page should be completed to the best of your ability and mailed back using the prepaid self-addressed envelope provided. If your property obtains drinking (potable) water from a public source, such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at donna.decarlo@ncdenr.gov. Thank you for your assistance and cooperation.

Sincerely.

Donna Marie DeCarlo, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

NorthCarolina *Naturally* 

Incident No: NONCD0002110 - A Parcel No: 328B 054	APS#87973	
Please P	rovide the Following Info	ormation (to the best of your knowledge)
Person completing the survey Name: Telephone: E-mail: Address of property receiving	-	<u>(</u>
City:	County:	
What is the source of your drinking	g water? Public Water / Wa	ter Supply Well / Stream Intake / Other (please explain below)
Is there currently a water supply was alternate Name and address of owner(s) of	source of water obtained?	. Please disregard remaining questions and return survey
How many water supply wells are What is the well(s) used for? (cheo Drinking, Irrigation You do not use the Well How many residences are connect	ck all that apply), Swimming Pool (Date when was it last used	, Water Livestock, Other (specify),
How deep (feet) is the well(s)? What is the casing depth (feet) of What is the screen interval (feet) Additional water supply well info	of the well(s)?	Date well was installed?  What is the casing diameter (inches) of the well(s)?
When was the well(s) last tested ( Who conducted the testing (samp What test (sampling) was conducted	ling)?	
Please return completed survey to	Donna DeCarlo	by using one of the following methods:
		Avenue, #301, Mooresville NC 28115 (use pro poid
3. E-mail to: donna.decarlo@ncd		the NC DENR Mooresville Regional Office at (704) 663 - 1699
11 you nave any question	s, piease email of can me in	The Art of





Division of Waste Management

Beverly Eaves Perdue Dexter R. Matthews
Governor Director

Dee Freeman Secretary

August 17, 2010

Current Owner or Occupant 325 Victoria Street, Salisbury NC

Re: Water-Supply Well Information Survey & Sampling Request

Dear Property Owner or Tenant:

The Division of Waste Management's Superfund Section, Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. Our files, and information from Rowan County and/or the City of Salisbury indicate that you are the owner or tenant of a parcel that does not have access to a municipal water source, and that ground water wells are the source of drinking water for your home and your neighbors. The purpose of the well survey and sampling is to determine if your well has been affected by ground water contamination so that action can be taken to protect your health if necessary.

You may have received a letter in June stating that the sampling event would take place in late July 2010. Due to a poor response to the earlier letter, sampling was postponed. We will be in the area August 17 and would like to sample your well if possible. As stated in the previous letter, there will be no cost to you to have the Branch sample a drinking water supply well at your residence. If there is an outdoor spigot, we will not need to enter your home, and you do not have to be present when the sample is collected. The sample will be submitted for laboratory analyses, and the results will be sent to you.

The "Water Supply Well Information Survey Form" on the back of this page should be completed to the best of your ability and mailed back using the prepaid self-addressed envelope provided. If your property obtains drinking (potable) water from a public source, such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at donna.decarlo@ncdenr.gov. Thank you for your assistance and cooperation.

Sincerely,

Donna Marie DeCarlo Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: <a href="www.wastenotnc.org">www.wastenotnc.org</a>

NorthCarolina

Naturally

Incident No: NONCD0002110 - A Parcel No: 328B 035	PS#87973	
Please Pr	ovide the Following Infor	mation (to the best of your knowledge)
Person completing the survey Name: Telephone: E-mail: Address of property receiving	survey:	
City:	County:	
What is the source of your drinking	water? Public Water / Wate	r Supply Well / Stream Intake / Other (please explain below)
Is there currently a water supply we If "No": What date was alternate s	ll on this property? Yes / No ource of water obtained?	. Please disregard remaining questions and return survey
Name and address of owner(s) of p	operty with water supply wel	
How many water supply wells are of What is the well(s) used for? (check Drinking, Irrigation You do not use the Well (How many residences are connected.	c all that apply), Swimming Pool Date when was it last used	_, Water Livestock, Other (specify),). elow)?
How deep (feet) is the well(s)? What is the casing depth (feet) of t What is the screen interval (feet) o	ne well(s)? If the well(s)?	Date well was installed? What is the casing diameter (inches) of the well(s)?
Additional water supply well infor	mation:	
When was the well(s) last tested (s Who conducted the testing (sampl What test (sampling) was conducted	ng)?	
Please return completed survey to	Donna DeCarlo	by using one of the following methods:
1. Fax to: 704-663-6040		
	nagement, 610 East Center Av	venue, #301, Mooresville NC 28115
3. E-mail to: donna.decarlo@ncde	nr.gov	
If you have any questions	, please email or call me in t	he NC DENR Mooresville Regional Office at (704) 663 - 1699





Division of Waste Management

Devter R. Matthews

Beverly Eaves Perdue Dexter R. Matthews
Governor Director

Dee Freeman Secretary

August 17, 2010

Current Owner or Occupant 280 Victoria Street, Salisbury NC

Re: Water-Supply Well Information Survey & Sampling Request

Dear Property Owner or Tenant:

The Division of Waste Management's Superfund Section, Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. Our files, and information from Rowan County and/or the City of Salisbury indicate that you are the owner or tenant of a parcel that does not have access to a municipal water source, and that ground water wells are the source of drinking water for your home and your neighbors. The purpose of the well survey and sampling is to determine if your well has been affected by ground water contamination so that action can be taken to protect your health if necessary.

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The "Water Supply Well Information Survey Form" on the back of this page should be completed to the best of your ability and mailed back using the prepaid self-addressed envelope provided. If your property obtains drinking (potable) water from a public source, such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at donna.decarlo@ncdenr.gov. Thank you for your assistance and cooperation.

Sincerely,

Donna Marie DeCarlo, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

HI TO THE OF CAME.

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

North Carolina

Naturally

Incident No: NONCD0002110 - APS#87973 Parcel No: 328B 115	
Please Provide the Following	g Information (to the best of your knowledge)
Person completing the survey Name: Telephone: E-mail:	
Address of property receiving survey:	
City: County:	
What is the source of your drinking water? Public Water	/ Water Supply Well / Stream Intake / Other (please explain below)
Is there currently a water supply well on this property? Y If "No": What date was alternate source of water obtained	ed? Please disregard remaining questions and return survey
Name and address of owner(s) of property with water sup	ply well
How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool  You do not use the Well (Date when was it last)  How many residences are connected to the well (list addr	l, Water Livestock, Other (specify), used). esses below)?
How deep (feet) is the well(s)? What is the casing depth (feet) of the well(s)? What is the screen interval (feet) of the well(s)?	Date well was installed?  What is the casing diameter (inches) of the well(s)?
Additional water supply well information:	
When was the well(s) last tested (sampled)? Who conducted the testing (sampling)? What test (sampling) was conducted?	
Please return completed survey to <u>Donna DeCarlo</u>	by using one of the following methods:
Fax to: 704-663-6040     Mail to: Division Of Waste Management, 610 East Co	enter Avenue, #301, Mooresville NC 28115
3. E-mail to: donna.decarlo@ncdenr.gov	A NO DENIE Manuscrille Designal Office at (704) 663 1600
If you have any questions, please email or call	me in the NC DENR Mooresville Regional Office at (704) 663 - 1699





Division of Waste Management

Dexter R. Matthews

Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor

August 17, 2010

Current Owner or Occupant 275 Victoria Street, Salisbury NC

Re: Water-Supply Well Information Survey & Sampling Request

Dear Property Owner or Tenant:

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Sincerely,

Donna Marie DeCarlo, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

Care of the American Section .

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115
Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

North Carolina *Naturally* 

Incident No: NONCD0002110 - APS#87973 Parcel No: 328B 040
Please Provide the Following Information (to the best of your knowledge)
Person completing the survey Name: Telephone: E-mail: Address of property receiving survey:
City: County:
What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other (please explain below)
Is there currently a water supply well on this property? Yes / No If "No": What date was alternate source of water obtained?  Please disregard remaining questions and return survey
Name and address of owner(s) of property with water supply well
How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),  You do not use the Well (Date when was it last used).  How many residences are connected to the well (list addresses below)?
How deep (feet) is the well(s)?  What is the casing depth (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  Additional water supply well information:
When was the well(s) last tested (sampled)? Who conducted the testing (sampling)? What test (sampling) was conducted?
Please return completed survey to <u>Donna DeCarlo</u> by using one of the following methods:
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3. E-mail to: donna.decarlo@ncdenr.gov
If you have any questions, please email or call me in the NC DENR Mooresville Regional Office at (704) 663 - 1699





Division of Waste Management

Beverly Eaves Perdue Governor Dexter R. Matthews Director Dee Freeman Secretary

August 17, 2010

Current Owner or Occupant 270 Victoria Street, Salisbury NC

Re: Water-Supply Well Information Survey & Sampling Request

Dear Property Owner or Tenant:

The Division of Waste Management's Superfund Section, Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. Our files, and information from Rowan County and/or the City of Salisbury indicate that you are the owner or tenant of a parcel that does not have access to a municipal water source, and that ground water wells are the source of drinking water for your home and your neighbors. The purpose of the well survey and sampling is to determine if your well has been affected by ground water contamination so that action can be taken to protect your health if necessary.

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Sincerely.

Donna Marie DeCarlo, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

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North Carolina Naturally

Incident No: NONCD0002110 - APS#87973 Parcel No: 328B 114
Please Provide the Following Information (to the best of your knowledge)
Person completing the survey Name: Telephone: E-mail: Address of property receiving survey:
City: County:
What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other (please explain below)
Is there currently a water supply well on this property? Yes / No  If "No": What date was alternate source of water obtained?  Name and address of owner(s) of property with water supply well  . Please disregard remaining questions and return survey
How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),  You do not use the Well (Date when was it last used).  How many residences are connected to the well (list addresses below)?
How deep (feet) is the well(s)?  What is the casing depth (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  Additional water supply well information:
When was the well(s) last tested (sampled)? Who conducted the testing (sampling)? What test (sampling) was conducted?
Please return completed survey to <u>Donna DeCarlo</u> by using one of the following methods:
1. Fax to: 704-663-6040  2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115 (2011)
3. E-mail to: donna.decarlo@ncdenr.gov  If you have any questions, please email or call me in the NC DENR Mooresville Regional Office at (704) 663 - 1699



Division of Waste Management

Beverly Eaves Perdue Dexter R. Matthews
Governor Director

Dee Freeman Secretary

August 17, 2010

Current Owner or Occupant 260 Victoria Street, Salisbury NC

Re: Water-Supply Well Information Survey & Sampling Request

Dear Property Owner or Tenant:

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Sincerely,

Donna Marie DeCarlo, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

THE THE PERSON

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

North Carolina *Naturally* 

Name: Felephone: B-mail: Address of property receiving survey:  City: County:  What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other (please explain below)  Is there currently a water supply well on this property? Yes / No If "No": What date was alternate source of water obtained? Please disregard remaining questions and return survey  Name and address of owner(s) of property with water supply well  How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),  You do not use the Well, Date when was it last used  How many residences are connected to the well (list addresses below)?  How deep (feet) is the well(s)?  Date well was installed?  What is the casing depth (feet) of the well(s)?  What is the casing diameter (inches) of the well(s)?	Incident No: NONCD0002110 - APS#87973 Parcel No: 328B 113	
Name: Telephone: S-mail: Address of property receiving survey: City: County:  What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other (please explain below)  Is there currently a water supply well on this property? Yes / No If "No": What date was alternate source of water obtained? Please disregard remaining questions and return survey  Name and address of owner(s) of property with water supply well  How many water supply wells are on your property? What is the well(s) used for? (check all that apply) Drinking Irrigation Swimming Pool Water Livestock Other (specify) You do not use the Well Date when was it last used How many residences are connected to the well (list addresses below)?  How deep (feet) is the well(s)? What is the easing depth (feet) of the well(s)? What is the screen interval (feet) of the well(s)? What is the screen interval (feet) of the well(s)? What is the screen interval (feet) of the well(s)?  When was the well(s) last tested (sampled)? Who conducted the testing (sampling)? What test (sampling) was conducted?  Please return completed survey to Donna DeCarlo by using one of the following methods:  1. Fax to: 704-663-6040  2. Mall to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115	Please Provide the Following Info	ormation (to the best of your knowledge)
What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other (please explain below)  Is there currently a water supply well on this property? Yes / No  If "No": What date was alternate source of water obtained?  Please disregard remaining questions and return survey  Name and address of owner(s) of property with water supply well  How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),  You do not use the Well, Date well was installed?  How many residences are connected to the well (list addresses below)?  How deep (feet) is the well(s)?  What is the casing depth (feet) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the screen interval (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?  What is the casing diameter (inches) of the well(s)?	Person completing the survey Name: Telephone: E-mail:	
What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other (please explain below)  Is there currently a water supply well on this property? Yes / No  If "No": What date was alternate source of water obtained?  Name and address of owner(s) of property with water supply well  How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking Trrigation, Swimming Pool Water Livestock, Other (specify),  You do not use the Well (Date when was it last used).  How many residences are connected to the well (list addresses below)?  What is the casing depth (feet) of the well(s)?	Address of property receiving survey:	
Is there currently a water supply well on this property? Yes / No  If "No": What date was alternate source of water obtained?  Name and address of owner(s) of property with water supply well  How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Porinking Irrigation Swimming Pool Water Livestock, Other (specify),  You do not use the Well (Date when was it last used).  How many residences are connected to the well (list addresses below)?  How deep (feet) is the well(s)? Date well was installed?  What is the casing depth (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  Additional water supply well information:  When was the well(s) last tested (sampled)?  Who conducted the testing (sampling)?  What test (sampling) was conducted?  Please return completed survey to Donna by using one of the following methods:  1. Fax to: 704-663-6040  2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115  3. E-mail to: donna.decarlo@ncdenr.gov	City: County:	
Name and address of owner(s) of property with water supply well  How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking	What is the source of your drinking water? Public Water / Wa	ter Supply Well / Stream Intake / Other (please explain below)
How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),  You do not use the Well, Date when was it last used,  How many residences are connected to the well (list addresses below)?  How deep (feet) is the well(s)?	If "No": What date was alternate source of water obtained?	. Please disregard remaining questions and return survey
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3. E-mail to: donna.decarlo@ncdenr.gov		Avenue, #301, Mooresville NC 28115
If you have any questions, please email or call me in the NC DENR Mooresville Regional Office at (704) 663 - 1699	3. E-mail to: donna.decarlo@ncdenr.gov	
	If you have any questions, please email or call me in	the NC DENR Mooresville Regional Office at (704) 663 - 1699





Division of Waste Management

Beverly Eaves Perdue Dexter R. Matthews
Governor Director

Dee Freeman Secretary

August 17, 2010

Current Owner or Occupant 255 Victoria Street, Salisbury NC

Re: Water-Supply Well Information Survey & Sampling Request

Dear Property Owner or Tenant:

The Division of Waste Management's Superfund Section, Inactive Hazardous Sites Branch ("Branch") is conducting a **Water Supply Well Information Survey**, and a **Water Supply Well Sampling Event** in your area. Our files, and information from Rowan County and/or the City of Salisbury indicate that you are the owner or tenant of a parcel that does not have access to a municipal water source, and that ground water wells are the source of drinking water for your home and your neighbors. The purpose of the well survey and sampling is to determine if your well has been affected by ground water contamination so that action can be taken to protect your health if necessary.

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Sincerely,

Donna Marie DeCarlo, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

North Carolina *Naturally* 

ncident No: NONCD0002110 - APS#87973 Parcel No: 328 B 048
Please Provide the Following Information (to the best of your knowledge)
Person completing the survey Name: Felephone: B-mail: Address of property receiving survey:
City: County:
What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other (please explain below)
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Additional water supply well information:
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If you have any questions, please email or call me in the NC DENR Mooresville Regional Office at (704) 663 - 1699





Division of Waste Management Dexter R. Matthews

Beverly Eaves Perdue Dexter R. Mattl Governor Director Dee Freeman Secretary

August 17, 2010

Current Owner or Occupant 225 Victoria Street, Salisbury NC

Re: Water-Supply Well Information Survey & Sampling Request

Dear Property Owner or Tenant:

The Division of Waste Management's Superfund Section, Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. Our files, and information from Rowan County and/or the City of Salisbury indicate that you are the owner or tenant of a parcel that does not have access to a municipal water source, and that ground water wells are the source of drinking water for your home and your neighbors. The purpose of the well survey and sampling is to determine if your well has been affected by ground water contamination so that action can be taken to protect your health if necessary.

You may have received a letter in June stating that the sampling event would take place in late July 2010. Due to a poor response to the earlier letter, sampling was postponed. We will be in the area August 17 and would like to sample your well if possible. As stated in the previous letter, there will be no cost to you to have the Branch sample a drinking water supply well at your residence. If there is an outdoor spigot, we will not need to enter your home, and you do not have to be present when the sample is collected. The sample will be submitted for laboratory analyses, and the results will be sent to you.

The "Water Supply Well Information Survey Form" on the back of this page should be completed to the best of your ability and mailed back using the prepaid self-addressed envelope provided. If your property obtains drinking (potable) water from a public source, such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at donna.decarlo@ncdenr.gov. Thank you for your assistance and cooperation.

Sincerely,

Donna Marie De Carlo, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

**智能。他的各种,这种"要在小型的"。。。** 

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

NorthCarolina

Naturally

An Equal Opportunity \ Affirmative Action Employer

Incident No: NONCD0002110 - APS#87973 Parcel No: 328B 044	
Please Provide the Following Information (to the best of your knowled	ge)
Person completing the survey Name: Telephone: E-mail:	
Address of property receiving survey:  City: County:	
City: County:  What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other of the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other of the source of your drinking water?	(please explain below)
Is there currently a water supply well on this property? Yes / No  If "No": What date was alternate source of water obtained?  Name and address of owner(s) of property with water supply well	tions and return survey
How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specific to the Well, Other (specific to the Well, Other (specific to the Well (list addresses below)?	ecify),
How deep (feet) is the well(s)?  What is the casing depth (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  Additional water supply well information:	es) of the well(s)?
Additional water Supply well intermation.	
When was the well(s) last tested (sampled)? Who conducted the testing (sampling)? What test (sampling) was conducted?	
Please return completed survey to by using one of the following method	ds:
1. Fax to: 704-663-6040 2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115	
3. E-mail to: donna.decarlo@ncdenr.gov	Sec at (704) 662 1600
If you have any questions, please email or call me in the NC DENR Mooresville Regional Off	nce at (/04) 003 - 1099

County: River Basin IREDELL

Report To

MROAP

Collector: Region:

D DECARLO MRO GROUNDWATER

Sample Matrix: TRIP BLANK Loc. Type: Emergency Yes/No

YES COC Yes/No

Samp PO N Date Time Laboration Visition Date III

Loc. Descr.: TRIP BLANK

Sample ID: PO Number # Date Received: Time Received:

Labworks LoginID Report Generated: Date Reported:

AB62340 10G0535 08/19/2010 08:15 **SMATHIS** 8/31/10 08/31/2010

mp 9.1.10

Location	n ID: HICKORY-LINCOLNTONHWY	Collect Da	ate: 08/16/2010	Collect Time:	10:15	Sample Depti	1
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
	Sample temperature at receipt by lab		2.7	°C		8/19/10	SMATHIS
/OL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDL
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDL
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	8/19/10	ACHANDLE

		NC I	DWQ Laboratory Sec	tion Results			•
Location ID:	HICKORY-LINCOLNTONHWY	Sample ID:	AB62340	Collect Date:	08/16/2010	Collect Time::	10:15
VOL							•
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Dat <u>e</u>	Validated b
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLE
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
B-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
5-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
1-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
7-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
7-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE
<del></del>	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/826	0 8/19/10	ACHANDLE

### GROUNDWATER FIELD/LAB FORM



# North Carolina Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION

GROUNDWATERTIELDIEADTORW							DIVISION OF WATER QUALITY-GROUNDWATER SECTION					
<b>Location code</b>	Hickory	-Lincolnto	n Hwy	SAMPLE TYP	E	SAN	IPLE PRIORITY			10	15	0535 NO-1 22/17
County <u>Irede</u>	11			Water .			Routine	/		l ah l	Jum	her MOVA/OU
Quad No	Serial	No		☐ Soil			Emergency	(	1 1	Date	Rec	ceived 8/19/10 Time: 08/5
Lat	Long.			☐ Other			j		く ・ ノロ	Rec'd	d By	· Franci Dua Couring Hand Dal
				■ Cha	in of Custody					Othe	_	
•	, FRO, <u>MRO</u> , RR							<u> </u>				ry By: Ck:
WSRO, Kinston	FO, Fed. Trust, C	Central Off.,	Other:		Date Reported:						ported:	
Shipped by: Bus	, Courier, Hand	Del., Other:	5.4	20 40 40 Ti-	Purpose	); D	-line Complaint	C	mlianaa 1110	T Do	atial	do Study Fodorol Trust Othor
	Donna Decarlo	<del></del>	_ Date_	08-16-10 Tim	Owner MRO	Base	eline, Complaint	, Com	circle o	ne)	Suci	de Study, Federal Trust, Other:
FIELD ANALY		Spec Con	d	at 25°C		ite	Trip Blank					<u> </u>
pH <sub>400</sub>		Odor No	ne	a, 20 0	Description o	f san	npling point	Deerl	Park Bottle V	Vater		
Temp. <sub>10</sub>	°C	_										
Appearance	Clea	ı <b>r</b>			Sampling Me				(Pump, bailer, etc.)	_		Sample Interval
Field Analysis		•			Remarks		·—				me ai	ir temp., etc.)
By: D.De	Carlo			<del></del>					(, ,	anping u	,,,o, a.	a tomps, otaly
BOD 310	ANALISES	mg/L	Dies So	ids 70300	mg/L		Ag-Silver 46566			/L		Organochlorine Pesticides
COD High 34	<u> </u>	mg/L	Fluoride		mg/L	-	Al-Aluminum 4655	7	ug			Organophosphorus Pesticides
COD Low 33		mg/L	<del></del>	s: Total 900	mg/L	<u> </u>	As-Arsenic 46551			/L		Nitrogen Pesticides
Coliform: MF		/100ml		s (non-carb) 902	mg/L		Ba-Barium 46558			/L		Acid Herbicides
Coliform: MF		/100ml	Phenois		ug/l		Ca-Calcium 46552	?		g/L		PCBs
TOC 680	10101010	mg/L		Cond. 95	µMhos/cm		Cd-Cadmium 465			1/L		
Turbidity 76		NTU	Sulfate 9		mg/L	$\vdash$	Cr-Chromium 465	59		/L		
<del></del>	al Suspended 530	mg/L	Sulfide 7	45	mg/L		Cu-Copper 46562			1/L		
							Fe-Iron 46563		ug	1/L		Semivolatile Organics
			Oil and	Grease	mg/L		Hg-Mercury 71900	)	ug	7/L		TPH-Diesel Range
pH 403		units					K-Potassium 4655	5	m	g/L		
Alkalinity to p	H 4.5 410	mg/L					Mg-Magnesium 46	5554	m	g/L		
Alkalinity to p	H 8.3 415	mg/L		<u> </u>			Mn-Manganese 46	3565	บู	<u>/L</u>	XX	Volatile Organics (VOA bottle)
Carbonate 44	15	mg/L	NH <sub>3</sub> as I	N 610	mg/L		Na-Sodium 46556		m	g/L		TPH-Gasoline Range
Bicarbonate 4	140	mg/L	TKN as	N 625	mg/L		Ni-Nickel		นดู	<u>1/L</u>		TPH-BTEX Gasoline Range
Carbon dioxi	de 405	mg/L	NO <sub>2</sub> + N	O <sub>3</sub> as N 630	mg/L		Pb-Lead 46564		ug	2/L		
Chloride 940		mg/L	P: Total	as P 665	mg/L		Se-Selenium		uç	3/L		
Chromium: H	ex 1032	ug/L	Nitrate (	NO₃ as N) 620	mg/L		Zn-Zinc 46567		ug	1/L		
Color: True 8	0	CU	Nitrite (N	IO₂ as N) 615	mg/L							BUSE ONLY
Cyanide 720		mg/L									ren	nperature on arrival (°C): 2.7
Lab Comments	3											
			<del></del>									





Dexter R. Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor Dee Freeman, Secretary

August 6, 2010

Bobby Reed 3140 Woodleaf Road Salisbury, NC 28147

Re:

Supply Well Sampling Results
3140 Woodleaf Road
Salisbury, Rowan County, North Carolina

Dear Mr. Reed:

On May 25, 2010, and June 1, 2010, the Inactive Hazardous Sites Branch (IHSB) collected ground water samples from your water supply well in the field near your residence. The June 1 sample was analyzed for pesticides. No pesticides were found in the water from your well above their respective Practical Quantitation Limits (PQLs). The PQL is the concentration that must be present for the laboratory to reliably quantify it. The May 25 sample was submitted for laboratory analysis for Volatile Organic compounds (VOCs). VOCs are a group of chemicals used in a variety of industrial and household products, including solvents, lubricants, fuel additives, and disinfectants. Three VOCs were detected in the sample at concentrations below federal drinking water standards. They were Carbon Tetrachloride, Chloroform and Naphthalene. The concentrations reported for Chloroform and Naphthalene were denoted as estimated (N3) because they were above the laboratory reporting limit but below their PQLs. Copies of the laboratory analytical reports for these samples are enclosed.

Carbon tetrachloride has had many uses in the past, including as a dry cleaning and degreasing solvent, in fire extinguishers, and as a grain fumigant. It was used as a pesticide until 1986, but is no longer used for any of these purposes in the U.S. I have enclosed additional information about Carbon Tetrachloride. Chloroform is one of a group of chemicals called Trihalomethanes. Chloroform is used to disinfect water in municipal water supply systems. It can be released from chemicals used to treat swimming pools and hot tubs, and to "shock" newly installed water wells and wells that have been worked on. It can also be formed by the breakdown of Carbon Tetrachloride. Naphthalene is usually reported as a SemiVolatile Organic Compound (SVOC), but can also be identified and reported by VOC analysis. It is present in petroleum products.

Because VOCs were found in your well, a Health Risk Evaluation (HRE) was requested, but has not yet been received. We have been experiencing unusual delays in getting both analytical results and HREs due to the number of samples being submitted to the lab, combined with unexpected staff absences. Rather than further delay sending your results until I have the HRE, I am sending the information I have at this time, and will send the HRE when it is available. I apologize for this delay and any inconvenience it may

cause you. The table below shows the detected compounds and their corresponding state and federal regulatory limits. As stated above and shown on the table, all of the reported concentrations were below the federal drinking water standard and the state groundwater standard.

Chemical Name	Chloroform	Carbon Tetrachloride	Naphthalene	
Concentration Detected	0.21 µg/l (estimated)*	0.26 μg/l	0.39 μg/l (estimated)*	
15A NCAC 2L Groundwater Standard	70 μg/l	0.3 μg/l	6 μg/l	
EPA MCL	TTHMs = 80 μg/l	5 μg/l	None	
EPA Secondary MCL	None	None	None	

<sup>\*</sup> The reported concentration is an estimate. The chemical was detected above the laboratory reporting limit but below the PQL.

EPA MCL = US Environmental Protection Agency Maximum Contaminant Level

EPA Secondary MCL = Non-Enforceable Guidelines for compounds with cosmetic or aesthetic effects, such as taste, odor, and appearance.

BPQL = Below Practical Quantitation Limits

NCAC = North Carolina Administrative Code

TTHMs = Total Trihalomethanes, By-products of drinking water disinfection.

 $\mu$ g/L = micrograms per Liter (~parts per billion)

Thank you for your cooperation. IHSB is conducting additional sampling in the area as part of an effort to determine the source of these and other chemicals, and may want to sample your well again in the future. If you have any questions, please email me at <a href="mailto:dona.decarlo@ncdenr.gov">dona.decarlo@ncdenr.gov</a>, or call me at (704) 235-2166.

Sincerely.

Donna Marie DeCarlo, Hydrogeologist

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

Enclosures: Lab reports, ATSDR Fact Sheet for Carbon Tetrachloride

Cc: Rowan County Health Department



Division of Waste Management

Beverly Eaves Perdue Governor Dexter R. Matthews
Director

Dee Freeman Secretary

RECEIVED

AUG 06 2010

NCDENR MRO IHSB

August 4, 2010

TO:

Donna DeCarlo

Mooresville Regional Office

NC Superfund Section

FROM:

David Lilley

Industrial Hygiene Consultant

NC Division of Waste Management

RE:

Health Risk Evaluation

3165 Woodleaf Road Well Sampling Results

Salisbury, NC

During this sampling event, two contaminants were detected in the well water. The standards used to determine if the water is suitable for drinking and cooking are the United States Environmental Protection Agency's Maximum Contaminant Levels (MCLs) or, if no MCLs exist, North Carolina Groundwater Standards (2L).

If any contaminant concentrations exceed applicable standards for using the water for drinking and cooking, those contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. The chart below compares the detected contaminant concentrations with the applicable standards:

Sample ID	Contaminant	Concentration (ug/l)*	MCL (ug/l)	2L (ug/l)
AB59103	Chloroform	0.74	80**	
	Carbon Tetrachloride	0.49	5	

<sup>\*</sup> The abbreviation ug/l stands for micrograms of contaminant per liter of water and is roughly equivalent to parts per billion.

<u>RECOMMENDATION</u>: None of the contaminants detected exceeded the applicable water standards. Therefore, no restrictions on the use of this water are recommended at this time.



<sup>\*\*</sup> As total trihalomethanes.

NC DWO Laboratory Section Results

County: River Basin IREDELL

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

TRIP BLANK

Emergency Yes/No

COC Yes/No

YES

RECEV DUG

Loc. Descr.: TRIP BLANK

Sample ID:
PO Number #

Date Received: Time Received:

Time Received:
Labworks LoginID
Report Generated:

07/28/2010 10:00 SMATHIS 8/2/10

AB61482

10G0502

Date Reported:

08/02/2010

mfs 8.2.10

Location	n ID: NONCD0002307	Collect D	ate: 07/27/2010	Collect Time:	13:00	Sample Depti	h
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
	Sample temperature at receipt by lab		2.1	°C		7/28/10	SMATHIS
/OL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	7/28/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDLI
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDL
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	7/28/10	ACHANDLE

		NC 9	DWQ Laboratory Sec	ction Results			ار
Location ID:	NONCD0002307	Sample ID:	AB61482	Collect Date:	07/27/2010	Collect Time::	13:00
VOL							
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated by
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	7/28/10	ACHANDLER
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	7/28/10	ACHANDLER
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
15-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
18-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
16-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
11-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER
37-61-6	1.2.3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 7/28/10	ACHANDLER

Not detected

1

VOC'S BY GC/MS

ACHANDLER

7/28/10

EPA5030/624/8260

ug/L

GROUNDWATER FIELD/LAB FORM	1	Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION					
Location code NOWCD 000 2307	SAMPLE TYPE		0G0502 AB61482				
County Iredall	₩ Water	Routine	Lab Number 1001 00				
Quad No Serial No Lat Long	☐ Soil ☐ Other ဩ Chain of Custody		Date Received 7:28:10 Time: 10:00  Rec'd By: 140 From:Bus, Courier, Hand Del., Other:				
Report To: ARO, FRO MBO, RRO, WaRO, WiRO,		1	Other:				
WSRO, Kinston FO, Fed. Trust, Central Off., Other:			Date Reported:				
Shipped by: Bus, Courier, Hand Del., Other:	Purpose:	: Basalina Complaint Compliance IIIST	Bosticido Study Fodoral Trust Other				
Collector(s): DeCar(s) Date 7 FIELD ANALYSES	Owner MV	Cicicle or	Pesticide Study, Federal Trust, Offici.				
pH <sub>400</sub> Spec. Cond.94	at 25°C Location or S	ite Trip Blank					
PH 400 Spec. Cond.94 Temp.10 °C Odor 1)0-70	Description of	f sampling point Deer Park Bett	ed uxiter				
Appearance clean colorless	Sampling Met	(Pump. bailer, etc.)	Sample Interval				
Field Analysis By: DeCarlo LABORATORY ANALYSES	Remarks		nping time, air temp., etc.)				
BOD 310 mg/L Diss. Solid	is 70300 mg/L	Ag-Silver 46566 ug/	L Organochlorine Pesticides				
COD High 340 mg/L Fluoride 9	51 mg/L	Al-Aluminum 46557 ug/	L Organophosphorus Pesticides				
COD Low 335 mg/L Hardness:	Total 900 mg/L	As-Arsenic 46551 ug/	L Nitrogen Pesticides				
Coliform: MF Fecal 31616 /100ml Hardness	(non-carb) 902 mg/L	Ba-Barium 46558 ug/	L Acid Herbicides				
Coliform: MF Total 31504 /100ml Phenois 3	2730 ug/l	Ca-Calcium 46552 mg.	/L PCBs				
TOC 680 mg/L Specific C	ond. 95 µMhos/cm	Cd-Cadmium 46559 ug/	<u>.                                    </u>				
Turbidity 76 NTU Sulfate 94	5 mg/L	Cr-Chromium 46559 ug/	L L				
Residue, Total Suspended 530 mg/L Sulfide 74	5 mg/L	. Cu-Copper 46562 ug/	<u>L</u>				
		Fe-Iron 46563 ug/	L Semivolatile Organics				
Oil and G	rease mg/L	Hg-Mercury 71900 ug/	L TPH-Diesel Range				
pH 403 units		K-Potassium 46555 mg	л.				
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 46554 mg	/L				
Alkalinity to pH 8.3 415 mg/L		Mn-Manganese 46565 ug/	L Volatile Organics (VOA bottle)				
Carbonate 445 mg/L NH <sub>3</sub> as N	610 mg/L	Na-Sodium 46556 mg	/L TPH-Gasoline Range				
Bicarbonate 440 mg/L TKN as N	625 mg/L	Ni-Nickel ug/	L TPH-BTEX Gasoline Range				
Carbon dioxide 405 mg/L NO₂ + NO	as N 630 mg/L	Pb-Lead 46564 ug/	L				
Chloride 940 mg/L P: Total a	s P 665 mg/L	Se-Selenium ug/	L				
Chromium: Hex 1032 ug/L Nitrate (N	O <sub>3</sub> as N) 620 mg/L	Zn-Zinc 46567 ug/					
Color: True 80 CU Nitrite (NC	0 <sub>2</sub> as N) 615 mg/L		LAB USE ONLY Temperature on arrival (°C):				
Cyanide 720 mg/L			Temperature on arrival (°C):				
Lab Comments							

11/23/2010



A=3150 woodleaf =3140 woodleaf D=well for 3150 woodleaf (approx.) B= 3/65 Woodleaf http://mapper.acme.com/



Division of Waste Management Dexter R. Matthews

Dee Freeman Secretary

June 28, 2010

Governor

Re:

**Beverly Eaves Perdue** 

Peggy Ann L. Cook 360 Victoria Street Salisbury, North Carolina 28147

Water-Supply Well Information Survey & Sampling Request

360 Victoria Street Salisbury, North Carolina Parcel ID: 328B 054

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

Our file records and information from Rowan County and/or the City of Salisbury indicate that you are the owner or tenant of the parcel stated above, and that this parcel may not be connected to a municipal water source. The Branch has attached a "Water Supply Well Information Survey Form" for you to complete and mail back using the prepaid self-addressed envelope provided. The information you provide in the form will allow the Branch to continue to evaluate and monitor groundwater in your area. This groundwater is the source of potable drinking water for your home and your neighbors.

The Water Supply Well Sampling Event will take place during the last two weeks of July 2010. There will be no cost to you to have the Branch sample a drinking water supply well located at your property. If there is an outdoor spigot we will not need to enter your home, and you do not have to be present when the sample is collected. The water sample will be submitted for laboratory analyses, and the results will be sent to you.

If your property obtains drinking (potable) water from a public source, such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at address below.

If you want your well sampled and will not be home, we will need to know where we can collect the sample. The best location to collect the sample is at the well itself. If the well does not have a spigot at the well, the sample can be collected from a yard spigot or hose bib on the foundation. Please indicate on the <u>Water Supply</u>

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

NorthCarolina
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#### Page 2 of 2

Well Information Survey where the well or outside spigot is on your property. The exact date for the sampling event will be based on staff availability and the number of residents who want their well sampled. If you agree to have your well well sampled I will let you know in advance when we expect to be there.

Please return the completed form by July 6, 2010. If you have any questions please feel free to call me at (704) 663-1699. Thank you for your assistance and cooperation with this project.

Sincerely

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures:

Water Supply Well Information Survey Form

Prepaid-Self Addressed Envelope





Division of Waste Management Dexter R. Matthews Director

Dee Freeman Secretary

June 28, 2010

Governor

**Beverly Eaves Perdue** 

Gary Basinger and Debbie Barnhardt P O Box 415 Spencer, North Carolina 28159-0415

Re: Water-Supply Well Information Survey & Sampling Request

325 Victoria Street Salisbury, North Carolina Parcel ID: 328B 035

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115
Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: <a href="www.wastenotnc.org">www.wastenotnc.org</a>

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#### Page 2 of 2

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Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures:

Water Supply Well Information Survey Form

Prepaid-Self Addressed Envelope



Residences surrounding has hell wells to N, E, S

### North Carolina Department of Environment and Natural Resources

Division of Waste Management

Beverly Eaves Perdue Governor Dexter R. Matthews Director

Dee Freeman Secretary

June 28, 2010

Alan Dale Livengood 1310 Julius Drive Salisbury, North Carolina 28147-6812

Re: Water-Supply Well Information Survey & Sampling Request

3060 Woodleaf Road Salisbury, North Carolina Parcel ID: 328 026

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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#### Page 2 of 2

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Sincerely,

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form

Prepaid-Self Addressed Envelope





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor

June 28, 2010

Thomas Eugene Fisher III 255 Victoria Street Salisbury, North Carolina 28147

Re: Water-Supply Well Information Survey & Sampling Request

255 Victoria Street

Salisbury, North Carolina 28147

Parcel ID: 328B 048

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

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Well Information Survey where the well or outside spigot is on your property. The exact date for the sampling event will be based on staff availability and the number of residents who want their well sampled. If you agree to have your well well sampled I will let you know in advance when we expect to be there.

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Sincerely,

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Division of Waste Management

Beverly Eaves Perdue Governor Dexter R. Matthews
Director

Dee Freeman Secretary

June 28, 2010

Mr. and Mrs. Howard Linn Safley 275 Victoria Street Salisbury, North Carolina 28147

Re:

Water-Supply Well Information Survey & Sampling Request

275 Victoria Street

Salisbury, North Carolina 28147

Parcel ID: 328B 040

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

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Well Information Survey where the well or outside spigot is on your property. The exact date for the sampling event will be based on staff availability and the number of residents who want their well sampled. If you agree to have your well well sampled I will let you know in advance when we expect to be there.

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Sincerely

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Division of Waste Management Dexter R. Matthews

Dee Freeman Secretary

June 28, 2010

Governor

Beverly Eaves Perdue

Scott Lee Parish 225 Victoria Street Salisbury, North Carolina 28147

Re: Water-Supply Well Information Survey & Sampling Request

225 Victoria Street

Salisbury, North Carolina 28147

Parcel ID: 328B 044

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org

NorthCarolina Naturally

<u>Well Information Survey</u> where the well or outside spigot is on your property. The exact date for the sampling event will be based on staff availability and the number of residents who want their well sampled. If you agree to have your well well sampled I will let you know in advance when we expect to be there.

Please return the completed form by July 6, 2010. If you have any questions please feel free to call me at (704) 663-1699. Thank you for your assistance and cooperation with this project.

Sincerely,

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Division of Waste Management Dexter R. Matthews

Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor

June 28, 2010

Mr. and Mrs. Stephen J. Myers 260 Victoria Street Salisbury, North Carolina 28147

Re:

Water-Supply Well Information Survey & Sampling Request

260 Victoria Street Salisbury, North Carolina Parcel ID: 328B 113

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form



Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

June 28, 2010

Governor

Beverly Eaves Perdue

Phillip Keith Larsen and Debbie Lin Glover 270 Victoria Street Salisbury, North Carolina 28147

Re: Water-Supply Well Information Survey & Sampling Request

270 Victoria Street Salisbury, North Carolina Parcel ID: 328B 114

Dear Property Owner /Tenant:

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NorthCarolina *Naturally* 

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Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

June 28, 2010

Governor

**Beverly Eaves Perdue** 

Donna P. Willis 280 Victoria Street Salisbury, North Carolina 28147

Re: Water-Supply Well Information Survey & Sampling Request

280 Victoria Street Salisbury, North Carolina Parcel ID: 328B 115

Dear Property Owner /Tenant:

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Sincerely

Donna Marie DeCarlo

Hydrogeologist

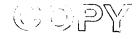
Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Division of Waste Management Dexter R. Matthews

Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor

June 28, 2010

Carlton Eugene Cashion 385 Victoria Street Salisbury, North Carolina 28147

Re: Water-Supply Well Information Survey & Sampling Request

385 Victoria Street Salisbury, North Carolina Parcel ID: 328B 039

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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Donna Marie DeCarlo Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman Secretary

June 28, 2010

Sandra Kay Callahan 1675 W Ridge Road Salisbury, North Carolina 28147

Re: Water-Supply Well Information Survey & Sampling Request

1675 W Ridge Road Salisbury, North Carolina Parcel ID: 328B 056

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a Water Supply Well Information Survey, and a Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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Sincerely 1

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Dexter R. Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor Dee Freeman, Secretary

July 22, 2010

Bret and Susan Watson 3150 Woodleaf Road Salisbury, NC 28147

Re:

Supply Well Sampling Results

3150 Woodleaf Road

Salisbury, Rowan County, North Carolina

Dear Mr. and Mrs. Watson:

On May 25, 2010, June 1, 2010, and June 21, 2010, the Inactive Hazardous Sites Branch (IHSB) collected ground water samples from your water supply well in the field adjacent to your residence. The samples were submitted for laboratory analysis for either pesticides or Volatile Organic compounds (VOCs) as detailed below. VOCs are a group of chemicals used in a variety of industrial and household products, including solvents, lubricants, fuel additives, fire extinguishers, and disinfectants. No pesticides were found in the water from your well. Three VOCs were reported in the samples as detailed below. They were Tetrachloroethene (also called Perchloroethene (PCE) and Perc), Chloroform, and Trichloroethene (TCE). PCE and TCE are used in solvents and degreasers. PCE was commonly used for drycleaning in the past. TCE can also be formed by the breakdown of PCE. Chloroform is used as a disinfectant in treated drinking water and swimming pools. Chloroform can also be formed by the breakdown of other chlorinated VOCs. Copies of the laboratory analytical results for all three sample dates are enclosed. A table showing the detected compounds and their corresponding state and federal regulatory limits can be found on page 2 of this letter.

The May 25 and June 1 samples were collected from the spigot on the well. The May 25 sample was analyzed for VOCs. PCE was reported at a concentration of 11 micrograms per liter ( $\mu$ g/l), and Chloroform was reported at a concentration of 0.58  $\mu$ g/l. These results were flagged "P1" by the lab, which means the sample was diluted before being analyzed. No other VOCs were reported above their respective Practical Quantitation Limit (PQL). The PQL is the concentration that must be present for the laboratory to reliably quantify it.

The June 1, 2010 sample was analyzed for Chlorinated Pesticides, Phosphorous-based pesticides, and Nitrogen-based pesticides. The lab report shows that no pesticides were detected above their respective PQL.

Because there were reported detections of Volatile Organic Compounds above their PQLs in the March 25, 2010 sample, a Health Risk Evaluation (HRE) was requested from the IHSB's toxicologist. Completion of

Because the concentration of PCE decreased slightly between March 25 and June 21, and TCE had not been reported from this well before, a HRE has been requested for the June 21 results. The PCE concentration in the June 21 sample exceed the federal drinking water standard of 5 ug/l, so the toxicologist's recommendations are not expected to change based on the June 21 results. I will send you a copy of the HRE for the June 21 sample when it is completed.

Thank you for your cooperation. IHSB is attempting to determine the source of these chemicals and may want to sample your well again in the future. If you have any questions, please call me at (704) 235-2166.

Sincerely

Donna Marie DeCarlo, Hydrogeologist

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

Enclosures: HRE, Lab reports

Cc w/encl: F

Rowan County Health Department

NCDWO Laboratory Section Results

Sample PON
Date

County: River Basin Rowan

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix: Loc. Type:

GROUNDWATER WATER SUPPLY

Yes

NONCD0002110

Emergency Yes/No

Location ID:

COC Yes/No

06/21/2010

Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated: Date Reported:

12:39

Collect Time:

AB60018 10G0386 06/22/2010 08:15 **HPARKER** 6/25/10 06/25/2010

Sample Depth

Loc. Descr.: 3150 WOODLEAF ROAD

Collect Date:

Location	NONCD0002110	Collect Da	te. 06/21/2010	Collect Time.	12.35	Jampie Depti	
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
AB					4		
	Sample temperature at receipt by lab		2.7	°C		6/22/10	SMATHIS
OL			e de la deservación de la companya del companya de la companya del companya de la				
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
34-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
7-66-3	Chloroform	0.25	0.63	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
9-01-6	Trichloroethene	0.25	0.16 N3	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE

		NC I	WQ Laboratory Sec	tion Results			
Location ID:	NONCD0002110	Sample ID:	AB60018	Collect Date:	06/21/2010	Collect Time::	12:39
VOL			D 111		Madhad	A l i -	
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
27-18-4	Tetrachloroethene	0.25	7.1	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
8-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
11-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER

GROUNDWATER I	FIELD/L	٩B	FORM	1				Departr DIVISION OF	nent of	North Ca Environmer R QUALIT	arolina nt and Natural Resour /-GROUNDWATER S	ces SECTION
Location code NONCD	000 21	0		SAMPLE TYPE	Œ	SAN	IPLE PRIORITY				201	
County Rowan				☑ Water			Routine		Lab	Number_		60018
Quad No Seri	ial No.			☐ Soil			Emergency	('L)	Date	Received	1 6.22.10 T	ime: 08801511 s, courier, Hand Del.,
Quad No Seri Lat Lon	g.			☐ Other			li l		Rec	d By:	From:Bus	s, Courier, Hand Del.,
				☑ Cha	in of Custody		ll l		Othe	er:	311	s, Courier, Hand Del.,  Ck:
Report To: ARO, FRO, MRO, R	RRO, WaRO,	WiF	RO,						Data	Entry By:	:	Ck:
WSRO, Kinston FO, Fed. Trust	, Central Off.	, Oti	her:		Purpose	HPM	)		Date	Reported	:	
Shipped by: Bus, Courier, Hand Collector(s): FIELD ANALYSES	d Del., Other:		5.1.6	(2) dp(0) ==	Purpose	<u> </u>	; (2	h	OT D	مان داداد الد		Other
Collector(s):		—	Date 6	1217010 11m	e (TAD)	Base	o Works	Compliance, LC	le опе)	esticide St	uay, Federai Trust,	Other:
pH 400	Spec Cor	nd a.		at 25°C	Location or S	ite	3/50 Wood 1	caf Rd S	alist	ulini	<del></del>	<del></del>
pH <sub>400</sub> °C	Odor ne	1U.94 71 O	<u> </u>	at 25 0	Description of	f san	pling point IDe	llhead	001.0	-	<del></del>	<del></del>
Appearance clear, colo	rless				Complina Ma	shad	DUIMIA				Sample Interval	
Field Analysis By: D. De C	carlo_				Remarks R	woje	duell 15 m	NINGES Baller, et	.C.1			
LABORATORY ANALYSES		_				_	<del>,</del>		(Pumping	time, air temp.,	etc.)	
BOD 310	mg/L	L	Diss. Solid	is 70300	mg/L		Ag-Silver 46566		ug/L	Organ	nochlorine Pesticides	
COD High 340	mg/L		Fluoride 9		mg/L		Al-Aluminum 46557	·	ug/L_	<del></del>	nophosphorus Pesticides	<u>;                                    </u>
COD Low 335	mg/L		Hardness:	Total 900	mg/L	<u> </u>	As-Arsenic 46551		υg/L		gen Pesticides	
Coliform: MF Fecal 31616	/100ml		Hardness	(non-carb) 902	mg/L		Ba-Barium 46558		ug/L		-lerbicides	
Coliform: MF Total 31504	/100ml		Phenois 3	2730	ug/l	<u> </u>	Ca-Calcium 46552		mg/L	PCBs	<u> </u>	
TOC 680	mg/L		Specific C	ond. 95	µMhos/cm	L.	Cd-Cadmium 46559	) 	ug/L			
Turbidity 76	NTU		Sulfate 94	5	mg/L	<u></u>	Cr-Chromium 46559	9	ug/L_			
Residue, Total Suspended 530	mg/L		Sulfide 74	5	mg/L		Cu-Copper 46562		ug/L			
	,,						Fe-Iron 46563		ug/L	Semi	volatile Organics	
	_		Oil and Gr	ease	mg/L		Hg-Mercury 71900		ug/L	TPH-	Diesel Range	
pH 403	units						K-Potassium 46555		mg/L			
Alkalinity to pH 4.5 410	mg/L	Г					Mg-Magnesium 465	554	mg/L			
Alkalinity to pH 8.3 415	mg/L	Г					Mn-Manganese 465	665	ug/L	Volati	le Organics (VOA bottle)	)
Carbonate 445	mg/L	Г	NH <sub>3</sub> as N	610	mg/L		Na-Sodium 46556		mg/L	TPH-	Gasoline Range	
Bicarbonate 440	mg/L		TKN as N	625	mg/L		Ni-Nickel		ug/L	TPH-	BTEX Gasoline Range	
Carbon dioxide 405	mg/L		NO₂ + NO	3 as N 630	mg/L		Pb-Lead 46564		ug/L			
Chloride 940	mg/L	$\Gamma$	P: Total as	P 665	mg/L		Se-Selenium		ug/L			
Chromium; Hex 1032	ug/L		Nitrate (N	O <sub>3</sub> as N) 620	mg/L		Zn-Zinc 46567		ug/L			
Color: True 80	CU		Nitrite (NC	) <sub>2</sub> as N) 615	mg/L					LAB USE	ONLY ure on arrival (°C):	2 7
Cyanide 720	mg/L					L	<u> </u>			remperat	uie on amvai (°C).	2.7
Lab Comments		_										
		_	_								<del></del>	

NC DWO Laboratory Section Results

County:

IREDELL

JUL 14 2010

River Basin Report To

Collector:

MROAP

G ADAMS

Region: MRO

GROUNDWATER DENR MRO IHSB Sample Matrix:

Loc. Type: TRIP BLANK

Emergency Yes/No

COC Yes/No

YES

Loc. Descr.: TRIP BLANK

Sample ID: PO Number # Date Received:

Time Received: Labworks LoginID Report Generated: Date Reported:

AB60248 10G0416 06/25/2010 08:30 SMATHIS 7/9/10 07/09/2010

m/07.13.10

Locatio	n ID: NONCD0002397	Collect D	ate: 06/23/2010	Collect Time:	15:20	Sample Depth	1
CAS#	Analyte Name	PQL	Result/ Qualifier	Units	Method Reference	Analysis Date	Validated by
LAB	Sample temperature at receipt by lab		1.3	°C		6/25/10	SMATHIS
VOL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLEF
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLEF
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLEF
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLEF
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLEF
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLEF
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLEF
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/29/10	ACHANDLER

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			DWQ Laboratory Sec			<del></del>	
Location ID:	NONCD0002397	Sample ID:	AB60248	Collect Date:	06/23/2010	Collect Time::	15:20
VOL			Result/		Method	Analysis	
CAS#	Analyte Name	<u>PQL</u>	Qualifier	<u>Units</u>	Reference	Date	Validated by
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/828	6/29/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	6/29/10	ACHANDLER
11-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER
<del></del>	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/826	60 6/29/10	ACHANDLER

## GROUNDWATER FIELD/LAB FORM



North Carolina

Department of Environment and Natural Resources
VISION OF WATER OUALITY-GROUNDWATER SECTION

Report To: ARO, FRO, MRO, RRO, WaRO WSRO, Kinston FO, Fed. Trust, Central Of Shipped by: Bus, Courier, Hand Del., Othe Collector(s): FIELD ANALYSES pH 400 NA Spec. Co Temp.10 NA °C Odor WE Appearance Clear, workess	Diss. So	6/23/2010 Tim _at 25°C  plids 70300 951 ss: Total 900 ss (non-carb) 902	Purpose Purpos	Base of same thou	Trip Blank mpling point	(Yump, bailer, et	Date Rec'd Othe Data Date	Rec d By er: Entr Rep esticio	perived (0.25.10 Time: 0.830 From:Bus, courier, Hand English or the study, Federal Trust, Other:
Appearance CICGV, GO FOLLOS Field Analysis By: 1 COV (C)  LABORATORY ANALYSES  BOD 310 mg/L  COD High 340 mg/L  COD Low 335 mg/L  Coliform: MF Fecal 31616 /100ml  Coliform: MF Total 31504 /100ml  TOC 680 mg/L  Turbidity 76 NTU	Diss. So Fluonide Hardnes Hardnes	Other    Chai   Chai	Purpose te 1520 Owner Mic Location or S Description o Sampling Me Remarks D  mg/L mg/L mg/L	Base Site_f f sam	eline, Complaint,  Trip Blank  npling point  Park Boffad  Ag-Silver 46566  Al-Aluminum 46557	Compliance, LU (circle)	Date Rec'c Othe Data Date ST, Pe- e one)  c.1  Pumping ti ug/L ug/L	Rec d By er: Entr Rep esticio	ry By: Ck: Ck: Ck: Ck: Ck: Ck: Ck: Ck: Ck: Ck
Report To: ARO, FRO, MRO, RRO, WARO WSRO, Kinston FO, Fed. Trust, Central Of Shipped by: Bus, Courier, Hand Del., Othe Collector(s): FIELD ANALYSES pH 400_DA Spec. Co Temp.10_DA Spec. Co Appearance Clear Golorless Field Analysis By: 1 Car (o) LABORATORY ANALYSES  BOD 310 mg/L COD High 340 mg/L COD Low 335 mg/L Coliform: MF Fecal 31616 /100ml Coliform: MF Total 31504 /100ml TOC 680 mg/L Turbidity 76 NTU	Diss. So Fluonide Hardnes Hardnes	6/23/20/U Tim at 25°C  slids 70300 951 ss: Total 900 ss (non-carb) 902	Purpose te 1520 Owner Mic Location or S Description o Sampling Me Remarks D  mg/L mg/L mg/L	Base Dite f sam	TVIP Plank mpling point Park Bottal Ag-Silver 46566 Al-Aluminum 46557	Compliance, LU (circle)	Rec'c Othe Data Date ST, Pe e one)  c.1  Pumping ti ug/L ug/L	d By er: Entr Rep	ry By: Ck:  corted:  de Study, Federal Trust, Other:  Sample Interval  ir temp., etc.)  Organochlorine Pesticides
Report To: ARO, FRO, MRO, RRO, WARO WSRO, Kinston FO, Fed. Trust, Central Of Shipped by: Bus, Courier, Hand Del., Othe Collector(s): FIELD ANALYSES pH 400_DA Spec. Co Temp.10_DA Spec. Co Appearance Clear Golorless Field Analysis By: 1 Car (o) LABORATORY ANALYSES  BOD 310 mg/L COD High 340 mg/L COD Low 335 mg/L Coliform: MF Fecal 31616 /100ml Coliform: MF Total 31504 /100ml TOC 680 mg/L Turbidity 76 NTU	Diss. So Fluonide Hardnes Hardnes	6/23/2010 Tim _at 25°C  plids 70300 951 ss: Total 900 ss (non-carb) 902	Purpose te 1520 Owner Mic Location or S Description o Sampling Me Remarks D  mg/L mg/L mg/L	Base Dite f sam	TVIP Plank mpling point Park Bottal Ag-Silver 46566 Al-Aluminum 46557	Compliance, LU (circle)	Data Date  ST, Pere one)  c.  (Pumping ti  ug/L  ug/L	Ento	ry By! Ck: corted: de Study, Federal Trust, Other: Sample Interval ir temp., etc.) Organochlorine Pesticides
WSRO, Kinston FO, Fed. Trust, Central Of Shipped by: Bus, Courier, Hand Del., Othe Collector(s):  FIELD ANALYSES  pH 400 DA Spec. Co Temp.10 NA C Odor NA Appearance CICOV, WIOVICS Field Analysis By: 1 CQV (O LABORATORY ANALYSES  BOD 310 mg/L COD High 340 mg/L COD Low 335 mg/L Coliform: MF Fecal 31616 /100ml Coliform: MF Total 31504 /100ml TOC 680 mg/L Turbidity 76 NTU	if., Other:	6/23/2010 Tim _at 25°C  plids 70300 951 ss: Total 900 ss (non-carb) 902	Purpose te 1520 Owner Mic Location or S Description o Sampling Me Remarks D  mg/L mg/L mg/L	Base Dite f sam	TVIP Plank mpling point Park Bottal Ag-Silver 46566 Al-Aluminum 46557	(Yump, bailer, et	Data Date  ST, Pere one)  c.  (Pumping ti  ug/L  ug/L	Ento	ry By! Ck: corted: de Study, Federal Trust, Other: Sample Interval ir temp., etc.) Organochlorine Pesticides
WSRO, Kinston FO, Fed. Trust, Central Of Shipped by: Bus, Courier, Hand Del., Othe Collector(s):  FIELD ANALYSES  pH 400 DA Spec. Co Temp.10 NA C Odor NA Appearance CICOV, WIOVICS Field Analysis By: 1 COV (OLABORATORY ANALYSES  BOD 310 mg/L COD High 340 mg/L COD Low 335 mg/L Coliform: MF Fecal 31616 /100ml Coliform: MF Total 31504 /100ml TOC 680 mg/L Turbidity 76 NTU	if., Other:	6/23/2010 Tim _at 25°C  plids 70300 951 ss: Total 900 ss (non-carb) 902	Location or S Description o Sampling Me Remarks	Base Dite f sam	TVIP Plank mpling point Park Bottal Ag-Silver 46566 Al-Aluminum 46557	(Yump, bailer, et	Date ST, Perecond of the content of	Rep	corted:de Study, Federal Trust, Other: Sample Interval ir temp., etc.) Organochlorine Pesticides
Shipped by: Bus, Courier, Hand Del., Othe Collector(s):  FIELD ANALYSES  pH 400 DA Spec. Co Temp.10 NA CO Odor NA Appearance CICOV, WIOVIESS Field Analysis By: 1 COV O LABORATORY ANALYSES  BOD 310 mg/L COD High 340 mg/L COD Low 335 mg/L Coliform: MF Fecal 31616 /100ml Coliform: MF Total 31504 /100ml TOC 680 mg/L Turbidity 76 NTU	Date_ Date_ Date_ Date_ Date_ Date_ Diss. So Fluoride Hardnes Hardnes	6/23/2010 Tim _at 25°C  plids 70300 951 ss: Total 900 ss (non-carb) 902	Location or S Description o Sampling Me Remarks	Base Dite f sam	TVIP Plank mpling point Park Bottal Ag-Silver 46566 Al-Aluminum 46557	(Yump, bailer, et	c.1 (Pumping ti	sticio	de Study, Federal Trust, Other: Sample Interval ir temp., etc.) Organochlorine Pesticides
PH 400	Diss. So Fluoride Hardnes Hardnes	at 25°C  olids 70300  951  ss: Total 900  ss (non-carb) 902	Location or S Description o Sampling Me Remarks	Base Dite f sam	TVIP Plank mpling point Park Bottal Ag-Silver 46566 Al-Aluminum 46557	(Yump, bailer, et	c.) Pumping ti ug/L		Sample Intervalir temp., etc.)  Organochlorine Pesticides
PH 400	Diss. So Fluoride Hardnes Hardnes	at 25°C  olids 70300  951  ss: Total 900  ss (non-carb) 902	Location or S Description o Sampling Me Remarks	ite f sam	TVIP Plank mpling point Park Bottal Ag-Silver 46566 Al-Aluminum 46557	(Yump, bailer, et	c.) Pumping ti ug/L		Sample Intervalir temp., etc.)  Organochlorine Pesticides
Spec. Communication	Diss. So Fluoride Hardnes Hardnes	olids 70300 951 ss: Total 900 ss (non-carb) 902	Sampling Me Remarks_D mg/L mg/L mg/L	f san	Park Bottland  Ag-Silver 46566  Al-Aluminum 46557	CENTAL Dailer, etc.	(Pumping ti ug/L ug/L	ime, ai	ir temp., etc.) Organochlorine Pesticides
Appearance CIEGY GOVIES Field Analysis By: 1 CV (10)  LABORATORY ANALYSES  BOD 310 mg/L  COD High 340 mg/L  COD Low 335 mg/L  Coliform: MF Fecal 31616 /100ml  Coliform: MF Total 31504 /100ml  TOC 680 mg/L  Turbidity 76 NTU	Diss. So Fluoride Hardnes Hardnes	olids 70300 951 ss: Total 900 ss (non-carb) 902	Sampling Me Remarks_D mg/L mg/L mg/L	thod	Park Bottland  Ag-Silver 46566  Al-Aluminum 46557	CENTAL Dailer, etc.	(Pumping ti ug/L ug/L	ime, ai	ir temp., etc.) Organochlorine Pesticides
Field Analysis By:         1	Fluoride Hardnes Hardnes	951 ss: Total 900 ss (non-carb) 902	Remarks	thod Dev	Ag-Silver 46566 Al-Aluminum 46557	7	(Pumping ti ug/L ug/L	ime, ai	ir temp., etc.) Organochlorine Pesticides
BOD 310 mg/L   COD High 340 mg/L   COD Low 335 mg/L   Coliform: MF Fecal 31616 /100ml   TOC 680 mg/L   Turbidity 76 NTU	Fluoride Hardnes Hardnes	951 ss: Total 900 ss (non-carb) 902	mg/L mg/L mg/L		Ag-Silver 46566 Al-Aluminum 46557	7	(Pumping ti ug/L ug/L	ime, ai	Organochlorine Pesticides
BOD 310   mg/L	Fluoride Hardnes Hardnes	951 ss: Total 900 ss (non-carb) 902	mg/L mg/L		Al-Aluminum 46557	7	ug/L ug/L	iiro, al	Organochlorine Pesticides
COD High 340 mg/L COD Low 335 mg/L Coliform: MF Fecal 31616 /100ml Coliform: MF Total 31504 /100ml TOC 680 mg/L Turbidity 76 NTU	Fluoride Hardnes Hardnes	951 ss: Total 900 ss (non-carb) 902	mg/L mg/L		Al-Aluminum 46557	7	ug/L		
COD Low 335   mg/L	Hardnes Hardnes	ss: Total 900 ss (non-carb) 902	mg/L						
Coliform: MF Fecal 31616	Hardnes	ss (non-carb) 902			As-Arsenic 46551		ua/I I I	•	Organophosphorus Pesticides
Coliform: MF Total 31504		<del></del>	mg/L		l = =		ug/L	<u> </u>	Nitrogen Pesticides
TOC 680         mg/L           Turbidity 76         NTU	Phenois				Ba-Barium 46558		ug/L	<b></b>	Acid Herbicides
Turbidity 76 NTU	7   Table   Ta		ug/l		Ca-Calcium 46552		mg/L		PCBs
<del></del>		Cond, 95	µMhos/cm	<u> </u>	Cd-Cadmium 4655		ug/L	<u> </u>	
Residue, Total Suspended 530 mg/L	Sulfate 9	· · · · · · · · · · · · · · · · · · ·	mg/L		Cr-Chromium 4655		ug/L		
	Sulfide 7	745	mg/L	ļ	Cu-Copper 46562		ug/L		
	┩┞═┼┈┈	<del></del>		<u> </u>	Fe-Iron 46563		ug/L		Semivolatile Organics
	Oil and	Grease	mg/L	<u> </u>	Hg-Mercury 71900	)	ug/L		TPH-Diesel Range
pH 403 units	┩┝═╌┦═══				K-Potassium 4655	5	mg/L	<u> </u>	
Alkalinity to pH 4.5 410 mg/L	_				Mg-Magnesium 46	5554	mg/L	<u>L</u> .	
Alkalinity to pH 8.3 415 mg/L					Mn-Manganese 46	5565	ug/L	$\geq$	Volatile Organics (VOA bottle)
Carbonate 445 mg/L	NH <sub>3</sub> as i	N 610	mg/L		Na-Sodium 46556		mg/L		TPH-Gasoline Range
Bicarbonate 440 mg/L	TKN as	N 625	mg/L		Ni-Nickel		ug/L		TPH-BTEX Gasoline Range
Carbon dioxide 405 mg/L	NO <sub>2</sub> + N	IO₃ as N 630	mg/L		Pb-Lead 46564		ug/L		
Chloride 940 mg/L	P: Total	as P 665	mg/L		Se-Selenium		ug/L		
Chromium: Hex 1032 ug/L	Nitrate (	(NO₃as N) 620	mg/L		Zn-Zinc 46567		ug/L		
Color: True 80 CU	Nitrite (f	NO <sub>2</sub> as N) 615	mg/L						B USE ONLY
Cyanide 720 mg/L	7						$\neg \neg$	Ten	nperature on arrival (°C):

Report to:	M	RO	

# GROUNDWATER SECTION

Page | of |

# · CHAIN OF CUSTODY (COC) RECORD

NC DENR/D	WQ LABORA	TORY (ch	eck one): [	X CENT	RAL []	ARO		[] WaRO					
For Invest	igation of: [	2 huna	Road						Incident No. N	CD KO	0002	239	7/
Sample co	llector (print: 4 forms compl	name) (i	eorge Ada	ms/	Donna Donna	De Ca	ا ~رون Salرم	nple collector's signat	ure: Lugy	den	-/ (k	1200	II (
	ge conditions			licable):		1017	<u> </u>						
Lab Use (	Only		T			<u>:</u>			D.T.	TIME		M	JMBER OF
LAB N		I F ID	QUAD. NO		LOCATION	1			DATE SAMPLED	SAME	LED		TAINERS
B 6024		Blank	<del>                                     </del>		MROG	Deeri	PZv^	k Bottled)	5/23/2010	152	0		3
15 6024	<del>/</del>	_ <del></del> _	1		2231	Beln	ne	ade Dr	6/24/2010	12	55		4
ns 6025		W 2	<del> </del>		110	Zhyv	re	Rd	6/24/2010	10	10		4
16 6025		W 3			526 F				6/24/2010	10	55		1
10 6025	<del>`</del>	5W4	1					Rd	6/24/2010	114		ι	<del> </del>
		W5	<del> </del>		600				6/24/2010	12	20		4
b 6029		5W 6	<del>                                     </del>					tesvilleRd	6/24/2010	14	40	1	4
12 6025	24 1 1/4 3	3 44 0			0.7								
								MAR			,		
			<del> </del>					TAL.					
Relinquis	ned by (signatu	ıre):	1/1/1	. 4	Date	Time		Received by (signature	re):		Date 2	C/5	Time 0830
_		1 18226	eds III le		6/24/10 Date	1700 Time	_	Received by (signatur			Date	3.10	Time
Relinquis	ned by (signatu	ireJ:						·			Date		Time
Relinquis	ned by (signatu	іге):			Date	Time	•	Received by (signatur	re): <del></del>		·		Time
			66		Hand-deliver	ed.	Fed	leral Express UPS	S Other:				
Method o	f Shipment (cir	rcle one):	State Cour Sealed by:		/ /	//	1 00	Broken by:	)				
Security 7	Type and Cond	itions:	1 pl 20	<u>eU                                    </u>	Reg L	( <u>}</u>		- HIMS	yen_				
INTRALA	BORATORY	CHAIN (	OF CUSTOR	OY - 1	Lab Use On	ly			V RECEIVED		DATE	1	TIME
LA	B NUMBERS		NUMBER BOTTLES	A	NALYSES EQUESTED	1 -	REI BY:	LINQUISHED	BY:		DAIL		
FROM	8 AB 60		27		)A			PMozar	1	1/2	25.6	68	D
115 100KY	1 MAGAC	7639	<u>(X )</u>		<i>)</i>			1 1. to San	1				
ļ									1 - V				
<b></b>													
						PE	C	EIVED					
						ŀ		9 2010					
											$\frac{1}{1}$	1	
					NC	DEN	R	MRO IHSB		_	1	V/	

# NC DWO Laboratory Section Results

County: River Basin IREDELL

RECEIVED

JUL 1 4 2010

Report To

MROUST

D DECARLO Collector:

Region: MRO

Sample Matrix: Loc. Type:

GROUNDWATER

TRIP BLANK NCDENR MRO IHSB

Emergency Yes/No

COC Yes/No

YES

Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated: Date Reported:

AB60430 10G0451 07/02/2010 08:30 **SMATHIS** 7/9/10 07/09/2010

Loc. Descr.: MRO TRIP BLANK

Location	n ID: MROAPTB	Collect Da	ate: 06/23/2010	Collect Time:	15:20	Sample Depth	1
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
AB	Sample temperature at receipt by lab		3.3	°C		7/2/10	SMATHIS
OL.							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	7/2/10	ACHANDLE

		$\mathcal{NC} \mathcal{A}$	WQ Laboratory Sec	tion Kesults			•
Location ID:	MROAPTB	Sample ID:	AB60430	Collect Date:	06/23/2010	Collect Time::	15:20
VOL					Mathad	Analysis	
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifi <u>er</u>	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated b
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLE
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 7/2/10	ACHANDLE
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 7/2/10	ACHANDLE
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	50 7/2/10	ACHANDLE
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	50 7/2/10	ACHANDLE
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	50 7/2/10	ACHANDLE
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	50 7/2/10	ACHANDLE
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	50 7/2/10	ACHANDLE
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	50 7/2/10	ACHANDLE
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	50 7/2/10	ACHANDLE
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	50 7/2/10	ACHANDLE
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	50 7/2/10	ACHANDLE
8-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 7/2/10	ACHANDLE
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 7/2/10	ACHANDLE
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 7/2/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
8-06-6	tert-Butylbenzene	. 0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
11-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
7-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/82	60 7/2/10	ACHANDLE



GROUNDWATER FIELD/LAB FORM			North Carolina of Environment and Natural Resources TER QUALITY-GROUNDWATER SECTION
Location code	SAMPLE TYPE	SAMPLE PRIORITY	0451 1260420
CountyIredell	■ Water	Routine La	b Number NO UO   JO
Quad No Serial No	Soil	L Emergency Da	te Received 1-2.10 Time: 8:30 ec'd By: WP From:Bus, Courier, Hand Del., her:
Quad No         Serial No           Lat         Long	☐ Other	■ \ Re	ec'd By: YMD From:Bus, Courier, Hand Del.,
	Chain of Custody		
Report To: ARO, FRO, MRO, RRO, WaRO, WiRO,			ta Entry By: Ck:
WSRO, Kinston FO, Fed. Trust, Central Off., Other:		Da	ite Reported:
WSRO, Kinston FO, Fed. Trust, Central Off., Other:  Shipped by: Bus, Courier, Hand Del., Other:  Collector(s): Donna Decarlo  Date 6-3	Purpos	se: - Basalina Camplaint Camplianas I UST I	Posticido Study Foderal Trust Other
Collector(s): Donna Decarlo Date 6-/	23-10 1IMe_1520	MRO Trip Blank	resticide Study, i ederal Trust, Other
FIELD ANALISES	OWITEI	Site_Deer Park Water	
pH <sub>400</sub> Spec. Cond. <sub>94</sub> Temp. <sub>10</sub> °C Odor	Description	of sampling point Trip Blank	
Appearance .	Sampling M	ethodGrab	Sample Interval
Field Analysis By:	Remarks		
LABORATORY ANALYSES		, <del>,</del>	ng time, air temp., etc.)
BOD 310 mg/L Diss. Solid	s 70300 mg/L	Ag-Silver 46566 ug/L	Organochlorine Pesticides
COD High 340 mg/L Fluoride 9	51 mg/L	Al-Aluminum 46557 ug/L	Organophosphorus Pesticides
COD Low 335 mg/L Hardness:	Total 900 mg/L	As-Arsenic 46551 ug/L	Nitrogen Pesticides
Coliform: MF Fecal 31616 /100ml Hardness	(non-carb) 902 mg/L	Ba-Barium 46558 ug/L	Acid Herbicides
Coliform: MF Total 31504 /100ml Phenois 3:	2730 ug/i	Ca-Calcium 46552 mg/L	PCBs
TOC 680 mg/L Specific C	ond. 95 µMhos/cm	Cd-Cadmium 46559 ug/L	
Turbidity 76 NTU Sulfate 94	5 mg/L	Cr-Chromium 46559 ug/L	
Residue, Total Suspended 530 mg/L Sulfide 74:	5 mg/L	Cu-Copper 46562 ug/L	
		Fe-Iron 46563 ug/L	Semivolatile Organics
Oil and Gr	ease mg/L	Hg-Mercury 71900 ug/L	TPH-Diesel Range
pH 403 units		K-Potassium 46555 mg/L	
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 46554 mg/L	
Alkalinity to pH 8.3 415 mg/L		Mn-Manganese 46565 ug/L	XX Volatile Organics (VOA bottle)
Carbonate 445 mg/L NH <sub>3</sub> as N	610 mg/L	Na-Sodium 46556 mg/L	TPH-Gasoline Range
Bicarbonate 440 mg/L TKN as N	625 mg/L	NI-Nickel ug/L	TPH-BTEX Gasoline Range
Carbon dioxide 405 mg/L NO <sub>2</sub> + NO	3 as N 630 mg/L	Pb-Lead 46564 ug/L	
Chloride 940 mg/L P: Total as	s P 665 mg/L	Se-Selenium ug/L	
	O <sub>3</sub> as N) 620 mg/L	Zn-Zinc 46567 ug/L	
Color: True 80 CU Nitrite (NC	) <sub>2</sub> as N) 615 mg/L	1	LAB USE ONLY 7 7
Cyanide 720 mg/L	<u> </u>		Temperature on arrival (°C): 3.3
Lab Comments		J L.	· · · · · · · · · · · · · · · · · · ·
Lub Odililiono			

Watson-filtered, all < Pal

NC DWO Laboratory Section Results

County: River Basin Rowan

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

WATER SUPPLY

Emergency Yes/No COC Yes/No

JUN 2 9 2010

Sample ID: AB60019 10G0387 PO Number # Date Received: 06/22/2010 Time Received: 08:15 **HPARKER** Labworks LoginID 6/25/10 Report Generated: Date Reported: 06/25/2010

m/sle/28/10

Location ID:	NONCD0002110	Collect Date:	06/21/2010	Collect Time:	13:02	Sample Depth

Loc. Descr.: 3150 WOODLEAF ROAD

CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	<u>Method</u> <u>Reference</u>	Analysis Date	Validated by
_AB	Sample temperature at receipt by lab		2.7	°C		6/22/10	SMATHIS
/OL				100			
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLE

NC DWQ Laboratory Section Results							
Location ID:	NONCD0002110	Sample ID:	AB60019	Collect Date:	06/21/2010	Collect Time::	13:02
VOL			Daniell		Bashad	Analysia	
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Da <u>te</u>	Validated by
124-48-1	Dibromochloromethane	- 0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER

# GROUNDWATER FIELD/LAB FORM



# North Carolina Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION

Loca	ation code HONCD O	00 2110			SAMPLE TYPE	PE	SAM	IPLE PRIORITY		$\overline{}$	J	06	)38 <b>%7</b> per	An.	1 2019
Cou	nty Roway			]	. <b>∑</b> Water		×	Routine		$\sim$	/ Lab	Numl	per	NO	60017
Ous	d No Seri	ial No			☐ Soil			Emergency	<b>∥</b> ( ,	3)	Date	Rec	eived (0:2)	12.10 Tim	e: 08%0 (Hy) courier Hand Del., Ck:
Lat	Lon	iai 110		<del></del>	☐ Other		•				Rec	'd Rv	0.100 <u> </u>	From Bus	Courier Hand Del
Lat.		9			751.Cha	in of Custody			\		Oth	a Dy.	Home	r rom.bus,	Control of the land Deli.
Don	ort To: ARO, FRO, MRO)R	DO MADO	A/iD	,	LE Cha	in or Custody					Dota	- Entr	1/ P/-		Ck:
									_		Date	, Ellu	y Dy	<del></del>	UK
Chin	RO, Kinston FO, Fed. Trust	t, Central Oil.	Oth	اد		—— Burnosa					Date	, Keb	orted		<del></del>
Out	ped by: Bus, Courier, Handector(s): Donna Doc	a bei., Other.		Date 6/	21/20/D Tim	Fulpose	Rass	eline Complaint	Comr	liance III	ST P	esticio	le Study Fed	eral Trust C	ther:
FIFI	D ANALYSES	av (35	_	Date_c/	2112010 1111	Owner 5119	รักท	Watson	<u>.</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(direle	one)	,0000	io otacy, i oc	ciai iidot, c	
DH 4	MALIOLO	Spec Cor	d oa		at 25°C	Location or S	ite	3150 Wood	lleaf	- Rd					
Tem	D.10 °C	C Odor no	10 -			Description o	feam	inling point Ki-	trhou -	d. ISDANSO	vw).	filk			
App	p.10 °C	e.s.s				Sampling Me	thod	pump Omin - Fo					Samp	le Interval_	
Field	Analysis By: DeCaw	6				Remarks_Du	ined	10min. Fo	mpip	l Lo	.) Do	nu	ul to nou	se	
LAB	ORATORY ANALYSES									ر ر	Pumping	time, air	temp., etc.)		
	BOD 310	mg/L		Diss. Solids	70300	mg/L		Ag-Silver 46566			ıg/L_		Organochlorine F	Pesticides	
	COD High 340	mg/L		Fluoride 95	1	mg/L		Al-Aluminum 4655	57		ug/L		Organophosphor	us Pesticides	
	COD Low 335	mg/L		Hardness:	Total 900	mg/L		As-Arsenic 46551			ıg/L		Nitrogen Pesticid	es	
	Coliform: MF Fecal 31616	/100ml		Hardness (	non-carb) 902	mg/L		Ba-Barium 46558	3	1	Jg/L		Acid Herbicides		
	Coliform: MF Total 31504	/100ml		Phenois 32	730	ug/l		Ca-Calcium 4655	2		ng/L		PCBs		
	TOC 680	mg/L		Specific Co	nd. 95	μMhos/cm		Cd-Cadmium 465	59		ıg/L				
	Turbidity 76	NTU		Sulfate 945		mg/L	L	Cr-Chromium 465	559		ıg/L				
	Residue, Total Suspended 530	mg/L		Sulfide 745		mg/L		Cu-Copper 46562	2		ıg/L				
			L		<u> </u>		<u></u>	Fe-Iron 46563			ıg/L		Semivolatile Orga	anics	
				Oil and Gre	ase	mg/L		Hg-Mercury 7190	0		ug/L		TPH-Diesel Rang	ge	
	pH 403	units						K-Potassium 4655	55		ng/L				
	Alkalinity to pH 4.5 410	mg/L						Mg-Magnesium 4	6554		ng/L				
	Alkalinity to pH 8.3 415	mg/L						Mn-Manganese 4	6565		ug/L	$\bowtie$	Volatile Organics	(VOA bottle)	
	Carbonate 445	mg/L		NH <sub>3</sub> as N 6	10	mg/L	<u></u>	Na-Sodium 46556	6		mg/L_		TPH-Gasoline Ra	ange	<del></del>
	Bicarbonate 440	mg/L		TKN as N 6	25	mg/L	oxdot	Ni-Nickel		1	ıg/L		TPH-BTEX Gaso	line Range	· · · · · · · · · · · · · · · · · · ·
	Carbon dioxide 405	mg/L		NO <sub>2</sub> + NO <sub>3</sub>	as N 630	mg/L		Pb-Lead 46564			ug/L				
	Chloride 940	mg/L		P: Total as	P 665	mg/L		Se-Selenium			ug/L				
	Chromium: Hex 1032	ug/L		Nitrate (NO	3 as N) 620	mg/L		Zn-Zinc 46567			ug/L				
	Color: True 80	CU		Nitrite (NO	as N) 615	mg/L						LAB	USE ONLY perature on arri	ival /00\v	2.7
	Cyanide 720	mg/L									]	Liem	perature on am	ıvai (*C): 	<i>∝</i> , γ
Lat	Comments														
														_	

Trip Blank
all < PQL

NC DWO Laboratory Section Results

County: WAKE

River Basin Report To

MROAP

Collector:

Region:

D DECARLO

MRO Sample Matrix:

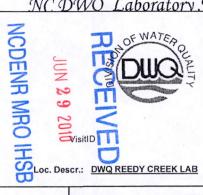
GROUNDWATER TRIP BLANK

Emergency Yes/No

COC Yes/No

Loc. Type:

Yes



Sample ID: PO Number # Date Received: Time Received:

Labworks LoginID Report Generated: Date Reported:

AB60017 10G0385 06/22/2010 08:15 **HPARKER** 6/25/10 06/25/2010

m/se/28/10

Location	n ID: NONCD0002110	Collect D	ate: 06/21/2010	Collect Time:	12:00	Sample Depth	
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
_AB	Sample temperature at receipt by lab		2.7	°C		6/22/10	SMATHIS
/OL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/22/10	ACHANDLER

		NC a	DWQ Laboratory Sec	tion Results			7
Location ID:	NONCD0002110	Sample ID:	AB60017	Collect Date:	06/21/2010	Collect Time::	12:00
VOL			Dowle		Mathad	Analysis	
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated by
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
<b>'</b> 5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
8-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	60 6/22/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
99-87 <b>-</b> 6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLE
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/22/10	ACHANDLER
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	60 6/22/10	ACHANDLER
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
1-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	60 6/22/10	ACHANDLEF
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	60 6/22/10	ACHANDLER
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 6/22/10	ACHANDLER
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/826	60 6/22/10	ACHANDLER

#### **MEMORANDUM**

TO:

Donna DeCarlo, Hydrogeologist

Superfund Section, IHSB

Inactive Hazardous Sites Branch

Superfund Section

FROM:

Hanna Assefa, Industrial Hygienist

Inactive Hazardous Sites Branch

Superfund Section

RE:

Health Risk Evaluation 3150 Woodleaf Road

Salisbury, Rowan County

A water sample was collected from the water supply well at the subject address on May 25, 2010. The concentration of tetrachloroethene in the well water exceeded its applicable standard. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. Therefore, based on this evaluation the water from this well should not be used for drinking and cooking. The water from this well can be used for other residential purposes listed above. The table below compares the detected contaminant concentrations with the applicable standards:

Sample #	Chemical	05/25/2010 Concentrations Ug/I	USEPA MCL Ug/l
AB58844	Chloroform	0.58	80
	Tetrachloroethene	11	5

Shaded area indicates exceedance

Ug/l = Micrograms of contaminant per liter of water.

.d. 3



# 40651519 RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

### WELL CONTRACTOR CERTIFICATION # 3505

1. WELL CONTRACTOR:	g. WATER ZONES (depth):
Joe Fornecker	Top URS 425 Bottom 7 GOM Top Bottom
Well Contractor (Individual) Name	TopBottomBottom
McCall Brothers Inc. Well Contractor Company Name	TopBottomBottom
6700 Brookshire Blvd Street Address	Thickness/ 7. CASING: Depth Diameter Weight Material
	Top 41 5 Bottom 102 SPL 61/4 198 178
Charlotte NC 28216 City or Town State Zip Code	TcpBottomFt
( 704 ) 399-1506 Area code Phone number	TopBoltomFt
2. WELL INFORMATION:	8. GROUT: Depth Material Method Top Bottom 10:55t Center Lemencum
WELL CONSTRUCTION PERMIT# 1700	Top BottomFt.
OTHER ASSOCIATED PERMIT#(if applicable) NA	Top Bottom Ft.
SITE WELL ID #(il applicable)	
	9. SCREEN: Depth Diameter Slot Size Material
3. WELL USE (Check Applicable Box): Residential Water Supply [2]	Top Bottom Ftin in
DATE DRILLED 11-17-07	TopBottomFtinin
TIME COMPLETED 6: CC AM PM 5	Top / V Bottom/ Ft in. / V In. /
4. WELL LOCATION:	10. SAND/GRAVEL PACK:
CITY: FRONK SOLISTONEY COUNTY KOWAP	Depth Size Material
3 3 HA 1 /2 / 1/2 F Day 1027 28/17	TopBottomFt
(Street Name, Numbers, Community, Subcivision, Lot No., Parcel, Zip Code)	Top / Bottom Ft. ///
TOPOGRAPHIC / LAND SETTING: (check appropriate box)	
□Stope □Valley DiFlat □Ridge □Other	11. DRILLING LOG Top Bottom Formation Description
LATITUDE 35 -42-32.19 DMS OR 3X.XXXXXXXXX DD	O / 24 CVPC Gran
LONGITUDE 80 •31-25.53 DMS OR 7x.XXXXXXXXX DD	24 / 90 Inconstituted on ack
Latitude/longitude source: GPS	420 1475 108 108 108 108 108 108 108 108 108 108
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)	THE THE THE TENT OF THE TENT O
5. WELL OWNER.	478 1 450 GFOY FOCK 1V
Kenneth Myers	
Owner Name	
3165 Wordland Rd	
Street Address	
Salishury NC 28147 City or Town State Zin Code	
City of Town State Zip Code :	
Area code Phone number	
6. WELL DETAILS:	12. REMARKS: Will Serve house at 3140 Wholest
a. TOTAL DEPTH: 450	Will serve house at 3140 Wodlest
b. DOES WELL REPLACE EXISTING WELL? YES A NO.	
	I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN
c. WATER LEVEL Below Top of Casing:FT.  (Use "+" if Above Top of Casing)	ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN
d. TOP OF CASING IS 1.5 FT. Above Land Surface*	PROVIDED TO THE WELL OWNER.
Top of casing terminated at/or below land surface may require :	4 1-17.00
a variance in accordance with 15A NCAC 2C .0118.	SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
e. YIELD (gpm): METHOD OF TEST () (	_Joe fornecker
f. DISINFECTION: Type H+H Amount 1925	PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mall Service Center, Raieigh, NC 27699-161, Phone : (919) 807-6300

# Z...



# RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3505

1. WELL CONTRACTOR:  Joe Fornecker	g, WATER ZONES (depth): Top-17: 435 Bottom (10)20 Top Bottom
Well Contractor (Individual) Name	
McCall Brothers Inc.	TopBottomTopBottom TopBottomTopBottom
Well Contractor Company Name	Thickness?
6700 Brookshire Blvd	7. CASING: Depth Diameter Weight Material
Street Address	Top-11, 5 Bottom-10: SFL (: 1/4 18) Store
Charlotte NC 28216	TopBoltornFt
City or Town State Zip Code	Bottom Ft
(_704_) 399-1506 Area cods Phone number	8 GROUT: Depth Material Method
2. WELL INFORMATION:	Top O Bottom TC3 Set. Conent + Tray our
WELL CONSTRUCTION PERMIT# 1967	Too Bottom FL
OTHER ASSOCIATED PERMIT#(if applicable) NA	Top Bettom Ft
SITE WELL ID #(if applicable) 2	
,	9. SCREEN: Depth Diameter Slot Size Material
5. WELL USE (Check Applicable Box): Residential Water Supply 2	Top Bottom Ft. in. in.
DATE DRILLED 11-19-09	Top Bottom FL in. in. in.
TIME COMPLETED 5:CC AM PM D	Top / V Bottom ! Ft. in. ! V in. /
4. WELL LOCATION:	10. SAND/GRAVEL PACK:
OTTY: Salisbuty COUNTY CONTY	Depth Size Material Top A Bottom A Ft. A A
3159 Woodkaf Rt. 037, 28147	TopBottomFt
(Street Name, Numbers, Community, Supdivision, Lot No., Parcel, Zip Code)	Too Bottom FL
TOPOGRAPHIC / LAND SETTING: (check appropriate box)	
☐Slope ☐Valley ☐Flat ☐Ridge ☐Other	: 11. DRILLING LOG : Top Bottom Formation Description
LATITUDE 35 42.37.64 DMS OR 3X.XXXXXXXXX DD	C / 25 Cyproviden
LONGITUDE $60 \cdot 31 \cdot 26.02$ oms or $7x.xxxxxxxxx$ DD	25 / 45 Lincomplicated agree mote
Latitude/longitude source: 🗹GPS 🔲Topographic map	1951 45C Crey fock
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)	475 1425 July 1606
	3107 1008
5. WELL OWNER Krage to Mupis	
Owner Name	: <del></del>
3165 Wordford Rd	<del></del>
Street Address	
5/15/huly NC 38/4/	
City or Town State Zip Code	i/,
Area code Phone number	
6. WELL DETAILS:	12. REMARKS:
a. TOTAL DEPTH: 450	
b. DOES WELL REPLACE EXISTING WELL? YES DE NO	
~^	1 DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN
c. WATER LEVEL Below Top of Casing:FT.  (Use "+" if Above Top of Casing)	: ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION : STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN
d. TOP OF CASING IS 1.5_ FT. Above Land Surface*	PROVIDED TO THE WELL OWNER.
Top of casing terminated after below land surface may require	11.200
a variance in accordance with 15A NCAC 2C .0118.	SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
e. YIELD (gpm): METHOD OF TEST O.I.	Joe FORMECKES
f. DISINFECTION: Type HTM Amount 19 025	PRINTED NAME OF PERSON CONSTRUCTING THE WELL



Myers Bios. file

# North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

Dee Freeman Secretary

June 9, 2010

Governor

Beverly Eaves Perdue

Tom and Beverly Dillard 2800 Woodleaf Road Salisbury, North Carolina 28147

Re: Water Supply Well Sample, 2800 Woodleaf Road, Salisbury, Rowan County, North Carolina Parcel IDs: 328 066 and 328 100

Dear Mr. and Mrs. Dillard:

On May 25, 2010, I collected a sample from your potable water well. The sample was analyzed for a group of contaminants known as Volatile Organic Compounds (VOCs). VOCs include a variety of chemicals associated with solvents and petroleum products, which were our primary concern for this sampling event. The analysis conducted did not include substances other than VOCs that may occur naturally in groundwater or as a result of human activity, such as metals, nitrates, agricultural chemicals, and bacteria. A copy of the report for your well is enclosed.

The report states that no VOCs were detected in the sample at concentrations above their respective practical quantitation limit (PQL). The PQL is the concentration that must be present in the sample for the laboratory to reliably measure it. The PQLs for this sample were below applicable state and federal regulatory limits for VOCs in drinking water. If you have any questions about the sampling or lab report please email or write to me at the address below, or call me at (704) 663-1699. Thank you for your assistance and cooperation with this project.

Sincerely,

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosure: laboratory report

cc: Rowan County Health Dept.

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: <a href="www.wastenotnc.org">www.wastenotnc.org</a>

North Carolina

Naturally

An Equal Opportunity \ Affirmative Action Employer

GROUNDWATER SECTION

Page 1 of 1

Incident No. NONCD 0002110

### CHAIN OF CUSTODY (COC) RECORD

NC DENR/DWQ LABORATORY (check one):	[⊠] CENTRAL	[ ] ARO	[ ] WaRO
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For Investigation	of: Myers	Bros. C	ain '	Salisbury	MC		Incident	No. No	ONCDO	200	110
Sample collector and GW-54 forms		Donna Do	eCaV e collec	tor's signature:	(00)	De Medle	1				
Field storage cond											
Lab Use Only							DATE	TIMI		NUM	
LAB NO.	SAMPLE ID	QUAD. NO.		LOCATION			DATE SAMPLED	SAM	PLED C	CONTA	AINERS
59102	SAIVII EE ID			Dwa Lab	-Tr	ip Blank	5/27/2010	P		3	
159103	2			3165 WO	odled	of Rd	6/1/2010		545	5	
59104	3			2725 W	oodl	eaf 12d	6/1/2010	00	111	4	
359105	4	- Ten 19		2975 W	oodl	eaf Rd	6/1/2010	00	738	4	
59104	5			1810 Eno	nC	hurch Rd	6/1/2010	10	010	4	
	6			3140 W	odle	af Rd	6/1/2010	11	15	1	
659107	7			3150 W	ordl	eaf Rd	6/1/2010	1	16	1	
\$ 59108	1			0.00 0		~			THE RESERVE	•	
			-		,	TY D					
						FF					
						Received by (signat	Ira):		Date		Time
Relinquished by	(signature):	6-		Date   Ti	me 30	Morein			6-2-1		0830 Time
Relinquished by	(signature):			Date Ti	me	Received by (signat	ure):		Date		
Relinquished by	(signature):			Date Ti	me	Received by (signat	ure):		Date		Time
Method of Ships	ment (check one)	: State Courier	r <b>X</b> H	and-delivered	Fed	eral Express U	PS Other:				
		Sealed by	Wo.	Minal	10	Broken by:	1				
Security Type as	nd Conditions:	(	G.	east meet a		O DIV	longan				
INTRALABOR	ATORY CHAIN	OF CUSTO	DY -	Lab Use Only	DEI	LINQUISHED	RECEIVED	1	DATE	T	IME
LAB NU FROM	MBERS THROUGH	NUMBER BOTTLES		ANALYSES EQUESTED	BY		BY:				
		3	Pos	ticides	7/1	Moren	Jho A Par		6/2/10	10:	12~
1959103,59 1959102 1	1 5011	19			IA	Moyen	Olive A Par	27/1	6/2/0	10	:14 au
71 59102 P	10 59106	[-]	Vo	<i>F</i>	1/)	Worker -	1				
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						JUN 0 4 20	10				
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		-									
										1	

Watson 3150 Woodlead
Pesticides

NC DWO Laboratory Section Results

06/01/2010

County: River Basin ROWAN

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

WATER SUPPLY

Emergency Yes/No

Location ID:

COC Yes/No

1031-07-8

7421-93-4

53494-70-5

2593-15-9

1024-57-3

118-74-1

121-75-5

2385-85-5

76-44-8

72-20-8

Endosulfan sulfate

Endrin Aldehyde

Heptachlor epoxide

Hexachlorobenzene(Pest)

Endrin Ketone

Ethazole

Heptachlor

Malathion

Mirex

Endrin

YES

NONCD0002110MYERSBROS

VisitID

Loc. Descr.: WATSON

Collect Date:

0.03

0.03

0.03

0.03

0.09

0.06

0.03

0.015

0.4

0.03

Collect Time:

PO Number # Received: Received: abworks LoginID Report Generated:

Sample ID:

Date Reported:

11:16

EPA 608

EPA 608

EPA 608

EPA 608

**EPA 608** 

EPA 608

EPA 608

EPA 608

EPA 614

EPA 608

ug/L

6/7/10

6/7/10

6/7/10

6/7/10

6/7/10

6/7/10

6/7/10

6/7/10

6/4/10

6/7/10

NGOOD

AB59108 10G0327 06/02/2010 08:30 **SMATHIS** 7/7/10 07/07/2010

Sample Depth

CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
LAB	Sample temperature at receipt by lab		1.4	°C		6/2/10	SMATHIS
PES	Cample temperature at receipt 27 ias						
. 20	Chlorinated Pesticides in Liquid		_TITLE_	ug/L	EPA 608	6/7/10	NGOOD
15972-60-8	Alachlor	0.28	Not detected	ug/L	EPA 608	6/7/10	NGOOD
309-00-2	Aldrin	0.06	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1912-24-9	Atrazine	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
319-84-6	BHC-Alpha	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
319-85-7	BHC-Beta	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
319-86-8	BHC_Delta	0.06	Not detected	ug/L	EPA 608	6/7/10	NGOOD
58-89-9	BHC-Gamma (Lindane)	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
57-74-9	Chlordane, Technical	0.5	Not detected	ug/L	EPA 608	6/7/10	NGOOD
5103-71-9	Chlordane, Alpha	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
5103-74-2	Chlordane, Gamma	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3734-48-3	Chlordene	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2675-77-6	Chlorneb	0.21	Not detected	ug/L	EPA 608	6/7/10	NGOOD
510-15-6	Chlorobenzilate	0.33	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2921-88-2	Chlorpyrifos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
1897-45-6	Chlorthalonil	0.2	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1861-32-1	DCPA	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
60-57-1	Dieldrin	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
959-98-8	Endosulfan I	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
33213-65-9	Endosulfan II	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD

Not detected

		310 1	OWQ Laboratory Sec	tion Appares			
Location ID:	NONCD0002110MYERSBROS	Sample ID:	AB59108	Collect Date:	06/01/2010	Collect Time::	11:16
PES					Mathad	Analysis	
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated by
9765-80-5	Trans Nonachlor	0.05	Not detected	ug/L .	EPA 608	6/7/10	NGOOD
6880-48-8	Oxychlordane	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2645-53-1	Mixed Permethrin	1.2	Not detected	ug/L	EPA 608	6/7/10	NGOOD
17-18-0	Tecnazene	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
582-09-8	Trifluralin	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2674-11-12	Aroclor 1016	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1104-28-2	Aroclor 1221	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1141-16-5	Aroclor 1232	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3469-21-9	Aroclor 1242	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2672-29-6	Aroclor 1248	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1097-69-1	Aroclor 1254	. 1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1096-82-5	Aroclor 1260	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
7324-23-5	Aroclor 1262	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
001-35-2	Toxaphene	3	Not detected	ug/L	EPA 608	6/7/10	NGOOD
	Unidentified peaks by GC/ECD		4	ug/L	EPA 608	6/7/10	NGOOD
<del>-</del>	Phosphorus based Pesticides in I	iquid	_TITLE_	ug/L	EPA 614	6/4/10	NGOOD
86-19-6	Carbophenothion	0.8	Not detected	ug/L	EPA 614	6/4/10	NGOOD
B-48-8	DEF (Oxidized merphos)	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
26-75-0	Demeton	0.8	Not detected	ug/L	EPA 614	6/4/10	NGOOD
33-41-5	Diazinon	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
0-51-5	Dimethoate	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
98-04-4	Disulfoton	0.8	Not detected	ug/L	EPA 614	6/4/10	NGOOD
497-06-5	Disulfoton Sulfone	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
497-07-6	Disulfoton Sulfoxide	10	Not detected	ug/L	EPA 614	6/4/10	NGOOD
104-64-5	EPN	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
63-12-2	Ethion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
3194-48-4	Ethoprop	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
5-38-9	Fenthion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
15-90-2	Fensulfothion	2.2	Not detected	ug/L	EPA 614	6/4/10	NGOOD
923-22-4	Monocrotophos	1	Not detected	ug/L	EPA 614	6/4/10	NGOOD
00-76-5	Naled	2.7	Not detected	ug/L	EPA 614	6/4/10	NGOOD
6-38-2	Ethyl Parathion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
98-00-0	Methyl Parathion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
98-02-2	Phorate	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
99-84-3	Ronnel	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
689-24-5	Sulfotepp	0.4	Not detected	· ug/L	EPA 614	6/4/10	NGOOD
3071-79-9	Terbufos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
	Unidentified peaks by GC/FPD		0	ug/L .	EPA 614	6/4/10	NGOOD
	Nitrogen based Pesticides in Liqu	id	_TITLE_	ug/L	EPA 619	6/17/10	NGOOD
34-12-8	Ametryn	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
610-17-9	Atraton	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD

		NC I	DWQ Laboratory Sec	tion Results		•	
Location ID:	NONCD0002110MYERSBROS	Sample ID:	AB59108	Collect Date:	06/01/2010	Collect Time::	11:16
PES			D			Amelijaia	
CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> <u>Date</u>	Validated by
3184-66-9	Butachlor	15	Not detected	ug/L	EPA 619	6/17/10	NGOOD
008-41-5	Butylate	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
01-21-3	chlorpropham	18	Not detected	ug/L	EPA 619	6/17/10	. NGOOD
1725-46-2	Cyanazine	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
134-23-2	Cycloate	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
57-51-7	Diphenamid	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
59-94-4	EPTC(Eptam)	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
1235-04-2	Hexazinone	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
1218-45-2	Metolachlor	18	Not detected	ug/L	EPA 619	6/17/10	NGOOD
1087-64-9	Metribuzin	18	Not detected	ug/L	EPA 619	6/17/10	NGOOD
212-67-1	Molinate	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
5299-99-7	Napropamide	15	Not detected	ug/L	EPA 619	6/17/10	NGOOD
7314-13-2	Norflurazon	10	Not detected	. ug/L	EPA 619	6/17/10	NGOOD
114-71-2	Pebulate	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
510-18-0	Prometon	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
287-19-6	Prometryn	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
114-71-2	Pronamide	33	Not detected	ug/L	EPA 619	6/17/10	NGOOD
39-40-2	Propazine	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
014-70-6	Simetryn	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
4014-18-1	Tebuthiuron	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
1814-78-2	Tricyclazole	24	Not detected	ug/L	EPA 619	6/17/10	NGOOD
929-77-7	Vernolate	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
3-19-0	DDD 2,4	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2-54-8	DDD 4,4	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
424-82-6	DDE 2,4	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2-55-9	DDE 4,4	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
89-02-6	DDT 2,4	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
0-29-3	DDT 4,4	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2-73-7	Dichlorvos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
0168-88-9	Fenarimol	12	Not detected	ug/L	EPA 619	6/17/10	NGOOD
9756-60-4	Fluridone	50	Not detected	ug/L	EPA 619	6/17/10	NGOOD
2-43-5	Methoxychlor 4,4	0.3	Not detected	ug/L	EPA 608	6/7/10	NGOOD
00950-35-6	Methyl Paraoxon	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
786-34-7	Mevinphos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
918-16-7	Propachlor	0.54	Not detected	ug/L	EPA 608	6/7/10	NGOOD
902-51-2	Terbacil	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
86-50-0	Terbutryn	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
61-11-5	Tetrachlovinphos	1.5	Not detected	ug/L	EPA 619	6/17/10	NGOOD
3121-43-3	Triadimefon	6	Not detected	ug/L	EPA 619	6/17/10	NGOOD
	Unidentifieds detected by GC/NPD		0	ug/L	EPA 619	6/17/10	NGOOD

North Carolina

Department of Environment and Natural Resources

GROUNDWATER FIELD	LAB FURIVI			ATER QUALITY-GROUNDWATER SECTION
Quad No Serial No Lat Long  Report To: ARO, FRO, MRO, RRO, Wal WSRO, Kinston FO, Fed. Trust, Central Shipped by: Bus, Courier, Hand Del., Ot Collector(s): FIFL D ANALYSES	Mater ☐ Soil ☐ Other ☐ Soil ☐ Other ☐ Soil ☐ Other ☐ Soil ☐ Other ☐ Timer: ☐ Date 6/1/2010 Timer	in of Custody  Purpose: e Passel Owner Watsom	Routine Emergency  Line Complaint Compliance, LUST, (circle one)	ab Number
PH 400 Spec. Temp. 10 °C Odor Appearance clear, color less Field Analysis By: D. De Car (b) LABORATORY ANALYSES		Description of samp	5150 Woodloof 12d pling point spigot at well pump 1 15 minutes 17umo. bailer, etc.) (Pump	Sample Interval Pio vesid chlorine detected ping time, air temp., etc.)
BOD 310 mg/   COD High 340 mg/   COD Low 335 mg/   Coliform: MF Fecal 31616 /100   Coliform: MF Total 31504 /100   TOC 680 mg/   Turbidity 76 NTL   Residue, Total Suspended 530 mg/	Fluoride 951  Hardness: Total 900  Hardness (non-carb) 902  Phenols 32730  Specific Cond. 95  Sulfate 945	mg/L mg/L	Ag-Silver 46566       ug/L         Al-Aluminum 46557       ug/L         As-Arsenic 46551       ug/L         Ba-Barium 46558       ug/L         Ca-Calcium 46552       mg/L         Cd-Cadmium 46559       ug/L         Cr-Chromium 46559       ug/L         Cu-Copper 46562       ug/L	Organophosphorus Pesticides Nitrogen Pesticides Acid Herbicides PCBs
pH 403 unit Alkalinity to pH 4.5 410 mg/ Alkalinity to pH 8.3 415 mg/ Carbonate 445 mg/ Bicarbonate 440 mg/ Carbon dioxide 405 mg/	NH <sub>3</sub> as N 610 TKN as N 625	mg/L mg/L mg/L mg/L	Fe-Iron 46563     ug/L       Hg-Mercury 71900     ug/L       K-Potassium 46555     mg/L       Mg-Magnesium 46554     mg/L       Mn-Manganese 46565     ug/L       Na-Sodium 46556     mg/L       Ni-Nickel     ug/L       Pb-Lead 46564     ug/L	TPH-Diesel Range  Volatile Organics (VOA bottle)  TPH-Gasoline Range  TPH-BTEX Gasoline Range
Chloride 940   mg/   Chromium: Hex 1032   ug/l   Color: True 80   CU   Cyanide 720   mg/   Lab Comments	P: Total as P 665  Nitrate (NO <sub>3</sub> as N) 620  Nitrite (NO <sub>2</sub> as N) 615	mg/L mg/L mg/L	Se-Selenium ug/L Zn-Zinc 46567 ug/L	

Myers Bros. Site well 3165 Woodleaf

NC DWO Laboratory Section Results

County: River Basin ROWAN

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

YES

Loc. Type:

WATER SUPPLY

Emergency Yes/No

COC Yes/No

VisitID

Loc. Descr.: KEN MYERS

Sample ID: PO Number Date Received: Time Received: Labworks LoginID ate Reported:

AB59103 10G0322 06/02/2010 08:30 SMATHIS 7/1/10

07/01/2010

Location ID:	MYERSBROSGINNONCD0002110	Collect Date:	06/01/2010	Collect Time:	08:45	Sample Depth

CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
LAB	Sample temperature at receipt by lab		1.4	°C		6/2/10	SMATHIS
VOL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
67-66-3	Chloroform	0.25	0.74	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	0.49	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER

		NC 4	DWQ Laboratory Sec	tion Results			
Location ID:	MYERSBROSGINNONCD0002110	Sample ID:	AB59103	Collect Date:	06/01/2010	Collect Time::	08:45
VOL			Posult/		Method_	Analysis	
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	Reference	<u>Date</u>	Validated by
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
530-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
PES				_	55.000	0540	HOOOD
	Chlorinated Pesticides in Liquid	· · · · · · · · · · · · · · · · · · ·	_TITLE_	ug/L	EPA 608	6/7/10	NGOOD
15972-60-8	Alachlor	0.28	Not detected	ug/L	EPA 608	6/7/10	NGOOD
309-00-2	Aldrin	0.06	Not detected	ug/L	EPA 608	6/7/10	NGOOD
912-24-9	Atrazine	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
19-84-6	BHC-Alpha	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
119-85-7	BHC-Beta	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
19-86-8	BHC_Delta	0.06	Not detected	ug/L	EPA 608	6/7/10	NGOOD
8-89-9	BHC-Gamma (Lindane)	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
7-74-9	Chlordane, Technical	0.5	Not detected	ug/L	EPA 608	6/7/10	NGOOD
103-71-9	Chlordane, Alpha	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD

		3,0 1	DWQ Laboratory Sec				
Location ID:	MYERSBROSGINNONCD0002110	Sample ID:	AB59103	Collect Date:	06/01/2010	Collect Time:: 0	8:45
PES			Result/		Method	<u>Analysis</u>	
CAS#	Analyte Name	<u>PQL</u>	<u>Qualifier</u>	<u>Units</u>	Reference	<u>Date</u>	<u>Validated b</u>
103-74-2	Chlordane, Gamma	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
734-48-3	Chlordene	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
675-77-6	Chlorneb	0.21	Not detected	ug/L	EPA 608	6/7/10	NGOOD
10-15-6	Chlorobenzilate	0.33	Not detected	ug/L	EPA 608	6/7/10	NGOOD
921-88-2	Chlorpyrifos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
897-45-6	Chlorthalonii	0.2	Not detected	ug/L	EPA 608	6/7/10	NGOOD
861-32-1	DCPA	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
0-57-1	Dieldrin	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
59-98-8	Endosulfan I	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3213-65-9	Endosulfan II	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
031-07-8	Endosulfan sulfate	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2-20-8	Endrin	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
421-93-4	Endrin Aldehyde	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3494-70-5	Endrin Ketone	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
593-15-9	Ethazole	0.09	Not detected	ug/L	EPA 608	6/7/10	NGOOD
6-44-8	Heptachlor	0.06	Not detected	ug/L	EPA 608	6/7/10	NGOOD
024-57-3	Heptachlor epoxide	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
18-74-1	Hexachlorobenzene(Pest)	0.015	Not detected	ug/L	EPA 608	6/7/10	NGOOD
21-75-5	Malathion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
385-85-5	Mirex	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
9765-80-5	Trans Nonachlor	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
6880-48-8	Oxychlordane	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2645-53-1	Mixed Permethrin	1.2	Not detected	ug/L	EPA 608	6/7/10	NGOOD
17-18-0	Tecnazene	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
582-09-8	Trifluralin	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2674-11-12	Aroclor 1016	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1104-28-2	Aroclor 1221	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1141-16-5	Aroclor 1232	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3469-21-9	Aroclor 1242	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2672-29-6	Aroclor 1248	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1097-69-1	Aroclor 1254	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1096-82-5	Aroclor 1260	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
7324-23-5	Aroclor 1262	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
001-35-2	Toxaphene	3	Not detected	ug/L	EPA 608	6/7/10	NGOOD
	Unidentified peaks by GC/ECD		0	ug/L	EPA 608	6/7/10	NGOOD
<u> </u>	Phosphorus based Pesticides in Liqui	d	_TITLE_	ug/L	EPA 614	6/4/10	NGOOD
86-19-6	Carbophenothion	0.8	Not detected	ug/L	EPA 614	6/4/10	NGOOD
	DEF (Oxidized merphos)	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
26-75-0	Demeton	0.8	Not detected	ug/L	EPA 614	6/4/10	NGOOD
33-41-5	Diazinon	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
0-51-5	Dimethoate	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
				ug/L	EPA 614	6/4/10	NGOOD

		310 2	DWQ Laboratory Sec				
Location ID:	MYERSBROSGINNONCD0002110	Sample ID:	AB59103	Collect Date:	06/01/2010	Collect Time::	08:45
PES			Result/		Method	Analysis	N P L A. A.L.
CAS#	Analyte Name	<u>PQL</u>	Qualifier	<u>Units</u>	Reference	<u>Date</u>	validated by
497-06-5	Disulfoton Sulfone	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
497-07-6	Disulfoton Sulfoxide	10	Not detected	ug/L	EPA 614	6/4/10	NGOOD
104-64-5	EPN	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
63-12-2	Ethion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
3194-48-4	Ethoprop	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
5-38-9	Fenthion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
15-90-2	Fensulfothion	2.2	Not detected	ug/L	EPA 614	6/4/10	NGOOD
923-22-4	Monocrotophos	1	Not detected	ug/L	EPA 614	6/4/10	NGOOD
00-76-5	Naled	2.7	Not detected	ug/L	EPA 614	6/4/10	NGOOD
5-38-2	Ethyl Parathion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
98-00-0	Methyl Parathion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
98-02-2	Phorate	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
99-84-3	Ronnel	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
689-24-5	Sulfotepp	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
3071-79-9	Terbufos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
	Unidentified peaks by GC/FPD		0	ug/L	EPA 614	6/4/10	NGOOD
	Nitrogen based Pesticides in Liquid	· · · · · · · · · · · · · · · · · · ·	_TITLE_	ug/L	EPA 619	6/18/10	NGOOD
34-12-8	Ametryn	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
610-17-9	Atraton	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
14-40-9	Bromacil	15	Not detected	ug/L	EPA 619	6/18/10	NGOOD
3184-66-9	Butachlor	15	Not detected	ug/L	EPA 619	6/18/10	NGOOD
008-41-5	Butylate	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
01-21-3	chlorpropham	18	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1725-46-2	Cyanazine	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
134-23-2	Cycloate	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
57-51-7	Diphenamid	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
59-94-4	EPTC(Eptam)	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1235-04-2	Hexazinone	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1218-45-2	Metolachlor	18	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1087-64-9	Metribuzin	18	Not detected	ug/L	EPA 619	6/18/10	NGOOD
212-67-1	Molinate	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
5299-99-7	Napropamide	15	Not detected	ug/L	EPA 619	6/18/10	NGOOD
7314-13-2	Norflurazon	10	Not detected	ug/L	EPA 619	6/18/10	NGOOD
114-71-2	Pebulate	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
610-18-0	Prometon	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
287-19-6	Prometryn	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
114-71-2	Pronamide	33	Not detected	ug/L	EPA 619	6/18/10	NGOOD
39-40-2	Propazine	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
014-70-6	Simetryn	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
4014-18-1	Tebuthiuron	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1814-78-2	Tricyclazole	24	Not detected	ug/L	EPA 619	6/18/10	NGOOD
929-77-7	Vernolate	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD

		NC I	WQ Laboratory Sec	tion Results			
Location ID:	MYERSBROSGINNONCD0002110	Sample ID:	AB59103	Collect Date:	06/01/2010	Collect Time::	08:45
PES							
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated by
53-19-0	DDD 2,4	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
72-54-8	DDD 4,4	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3424-82-6	DDE 2,4	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
72-55-9	DDE 4,4	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
789-02-6	DDT 2,4	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
50-29-3	DDT 4,4	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
62-73-7	Dichlorvos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
60168-88-9	Fenarimol	12	Not detected	ug/L	EPA 619	6/18/10	NGOOD
59756-60-4	Fluridone	50	Not detected	ug/L	EPA 619	6/18/10	NGOOD
72-43-5	Methoxychlor 4,4	0.3	Not detected	ug/L	EPA 608	6/7/10	NGOOD
000950-35-6	Methyl Paraoxon	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
7786-34-7	Mevinphos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
1918-16-7	Propachlor	0.54	Not detected	ug/L	EPA 608	6/7/10	NGOOD
5902-51-2	Terbacil	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
886-50-0	Terbutryn	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
961-11-5	Tetrachlovinphos	1.5	Not detected	ug/L	EPA 619	6/18/10	NGOOD
43121-43-3	Triadimefon	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
	Unidentifieds detected by GC/NPD		0	ug/L	EPA 619	6/18/10	NGOOD

COL

GROUNDWATER FIELD/LAB FORM	CROL	INDW	ATFR	FIFI	D/L	AB	<b>FORM</b>
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North Carolina

Department of Environment and Natural Resources

DIVISION OF WATER QUALITY-GROUNDWATER SECTION

Division of White Cashes	
Location code Myers 3-25 Gin NONCO COOLIO SAMPLE TYPE SAMPLE PRIORITY 10 CO 3 2 2	4103
County Rowan   Routine   County Routine	me: 0830
Quad No Serial No From Bus	Courier, Hand Del.,
Quad No Serial No Serial No Other  Lat Long   Soil	Council, Flame Desi,
Chain or Custody	Cle
Report To: ARO, FRO, MRO, RRO, WaRO, WiRO,	_ Ck
WISRO Kinston FO. Fed. Trust, Central Oil., Other.	
Shipped by: Bus, Courier, Hand Del., Other:	Other:
Shipped by: Bus, Courier Hand Del., Other:  Collector(s): Delarto Alvalle  Date 6/1/2010 Time 08 45  Date 6/1/2010 Time 08 45  Owner Key May 19	
Owner Ken Wasts  Owner	
UD 400	
Temp. 10 Sampling Method Plump Sample Interval	
Temp. 10 C Odor nore Description of sampling point spiget of the cate of the control of sampling point spiget of the cate of t	ne detected
Field Analysis By: Design De Car Co  Remarks purged 15 min. of No. 100 110 110 110 110 110 110 110 110 11	
LABORATORY ANALYSES    Jacob 210	
BOD 310 mg/L Construction BOD 310 mg/L Al-Aluminum 46557 ug/L Organophosphorus Pesticides	
COD High 340 mg/L As-Arsenic 46551 ug/L Nitrogen Pesticides	
COD Low 335 mg/L raintess. Float 300 mg/L Ba-Barium 46558 ug/L Acid Herbicides	
Coliform: MF Fecal 31616 /100ml Parameters (Inches) 502 Inches (In	
Coliform: MF Total 31504 /100ml   Phenois 32730	
TOC 680 mg/L Specific Cond. 33	
Turbidity 76 NTU Surate 945 Cu Copper 46562 up 0	
Residue, Total Suspended 530 mg/L Sulfide 745 mg/L Cu-Coppel 40502 ug/L Semivolatile Organics	
Us Marayar 71000 um TPH-Diesel Ranne	
Oil and Grease mg/L Hg-Mercury 71900 ug/L TPH-Dieser Kange  K-Potassium 46555 mg/L	
pH 403 units   Mg-Magnesium 46554 mg/L	
Alkalinity to pH 4.5 410 mg/L Mn-Manganese 46565 ug/L Volatile Organics (VOA bottle	)
Alkalinity to pH 8.3 415 mg/L TPH Gasoline Range	
Carbonate 445 mg/L NH <sub>3</sub> as N 610 mg/L NH <sub>3</sub> as N 610 TPH-RTFX Gasoline Range	
Bicarbonate 440 mg/L TKN as N 625	
Carbon dioxide 405 mg/L NO <sub>2</sub> + NO <sub>3</sub> as N 630	
Chloride 940 mg/L P. Total as P 000	
Chromium: Hex 1032	i 1
Color: True 80 CU Nitrite (NO <sub>2</sub> as N) 615 mg/L Temperature on arrival (°C):	14
Cyanide 720 mg/L	
Lab Comments	

NC DWO Laboratory Section Results

Dale Myers 1810 Enon Church

County: River Basin ROWAN

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix: Loc. Type:

GROUNDWATER WATER SUPPLY

YES

Emergency Yes/No

COC Yes/No

JUN 21 2010



Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated: Date Reported:

AB59106 10G0325 06/02/2010 08:30 **SMATHIS** 6/15/10 06/15/2010

	Ö	Loc. Descr.:	DALE MYER

Location I	D: NONCD0002110MYERSBROSGIN	Collect Da	te: 06/01/2010	Collect Time:	10:10	Sample Depth	
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
AB	Sample temperature at receipt by lab		1.4	°C		6/2/10	SMATHIS
	Sample temperature at receipt by its						
OL	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
1-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
	1.1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
5-35-4		10	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
5-09-2	Methylene Chloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLEF
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
534-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	0,25 N2	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
7-66-3	Chloroform		Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25		ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
78-87-5	1,2-Dichloropropane	0.25	Not detected		EPA5030/624/8260		ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
75-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L			ACHANDLE
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLE
142-28-9	1.3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	0 6/2/10	ACHANDLE

		жо	WQ Laboratory Sect	ion Results			
Location ID:	NONCD0002110MYERSBROSGIN	Sample ID:	AB59106	Collect Date:	06/01/2010	Collect Time::	10:10
VOL			- "		Method_	<u>Analysis</u>	N. Pd-4- d b.o.
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	Reference	Date	Validated by
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826		ACHANDLER
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826		ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
108-67-B	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/820		ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82		ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/82		ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/82		ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82		ACHANDLER
96-12-8	1.2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/82		ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
87-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLEF
87-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/82	260 6/2/10	ACHANDLE

### Sample Comments

VOL: N2 - Compound is present; but unable to acheive good quality matc

## GROUNDWATER FIELD/LAB FORM

# North Carolina Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION

ocation code NONCD 0002		Bros.Gi	SAMPLE TYP	<u> </u>	SAMF	PLE PRIORITY		JG 6325		2140
	•		III ~ /		<b>-7</b> :	Routine	l ab l	lumber	パンノ	1104
County Rowan			- (n <u> </u>	•	_	Emergency (5)	D 4	D	0.2-10Time	0530
Quad No Seria _at Long.	l No.		_ III 🗀 Soil		<b>—</b> г	Emergency \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Date	Keceivea <u>`</u>	From: Bus C	ourier Hand Del
at Long.			☐ Other				Kec.	LBY: Har	From:Bus,	Juligi, Hand Doii,
_			Chai	n of Custody			Otne			
Report To: ARO, FRO, (MRO) RF	RO, WaRO,	WiRO,								
WSRO, Kinston FO, Fed. Trust,	Central Off.,	Other:		<del></del>				•		
Shipped by: Bus, Courier, Hand-	<del>Del.,</del> Qther:		71110010 Tim	Purpose:	Doco	line, Complaint, Compliance, LL	JST. Pe	sticide Study	v. Federal Trust, Otl	ner:
Collector(s): FIELD ANALYSES		Date	6/1/2010 11m	e	ماد	Muers (circ	le one)			
FIELD ANALYSES	0 0		at 25°C				1			_ <del></del>
PH 400°C	Spec. Cor	10.94	a(25 C	Description of	i sam	pling point spigot on ne	wer	ell head	<u>in front yard</u>	-for house
Appearance <u>clcav</u> , color le	- 0001 <u>107</u>	<u> </u>		Sampling Met	hod_	DUMP	16.1	<del></del>	Sample Interval	
Field Analysis By: D. De Car	22 <u> </u>			Remarks <u>Pu</u>	ugod	DUMP - old well used &	Sr low	me, air temp., etc	· only	
LABORATORY ANALYSES					<del>-</del>		(Pumping			
BOD 310	mg/L	Diss. S	Solids 70300	mg/L	<u></u>	Ag-Silver 46566	ug/L		hlorine Pesticides	
COD High 340	mg/L	Fluorio	le 951	mg/L		Al-Aluminum 46557	ug/L	<del></del>	hosphorus Pesticides	
COD Low 335	mg/L	Hardn	ess: Total 900	mg/L		As-Arsenic 46551	ug/L		Pesticides	
Coliform: MF Fecal 31616	/100ml	Hardn	ess (non-carb) 902	mg/L	L	Ba-Barium 46558	ug/L_	Acid Her	bicides	
Coliform: MF Total 31504	/100ml	Pheno	ols 52730	ug/l		Ca-Calcium 46552	mg/L_	PCBs		
TOC 680	mg/L	Speci	ic Cond. 95	µMhos/cm		Cd-Cadmium 46559	ug/L			
Turbidity 76	NTU	Sulfat	e 945	mg/L		Cr-Chromium 46559	ug/L			
Residue, Total Suspended 530	mg/L	Sulfid	e 745	mg/L		Cu-Copper 46562	ug/L			
Residue, Total duspertace oss						Fe-Iron 46563	ug/L_	Semivo!	atile Organics	
		Oil an	d Grease	mg/L		Hg-Mercury 71900	ug/L	TPH-Die	esel Range	
-11.402	units					K-Potassium 46555	mg/L_	<u> </u>		
pH 403 Alkalinity to pH 4.5 410	mg/L	<b>│ ├──├</b> ──				Mg-Magnesium 46554	mg/L			_,
	mg/L	<del>╎</del>				Mn-Manganese 46565	ug/L_	Volatile	Organics (VOA bottle)	
Alkalinity to pH 8.3 415		NH.	is N 610	mg/L		Na-Sodium 46556	mg/L_	TPH-Ga	asoline Range	
Carbonate 445	mg/L_	4 <del> </del>	as N 625	mg/L	ı	Ni-Nickel	ug/L	TPH-BT	EX Gasoline Range	
Bicarbonate 440	mg/L	1 1	NO <sub>3</sub> as N 630	mg/L		Pb-Lead 46564	ug/L			
Carbon dioxide 405	mg/L	4 1	tal as P 665	mg/L		Se-Selenium	ug/L			
Chloride 940	mg/L	4	e (NO <sub>1</sub> as N) 620	mg/L		Zn-Zinc 46567	ug/L			
Chromium: Hex 1032	ug/L	<del></del>	e (NO <sub>2</sub> as N) 615	mg/L				LAB USE C		1 11
Color: True 80	CU	I INKIN	(1402 43 14) 013	111314	$\parallel$			Temperatur	e on arrival (°C):	1,4
Cyanide 720	mg/L	ــــــــا لـ			. L					
Lab Comments										
										·

Dale Myers "up gradient"

NC DWO Laboratory Section Results

County: River Basin ROWAN

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

WATER SUPPLY

<u>YES</u>

Emergency Yes/No

COC Yes/No



Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated: Date Reported:

AB59106 10G0325 06/02/2010 08:30 **SMATHIS** 6/15/10 06/15/2010

Loc. Descr.: DALE MYERS

Location	n ID: NONCD0002110MYERSBROSGIN	Collect D	ate: 06/01/2010	Collect Time:	10:10	Sample Depti	h
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
.AB	Sample temperature at receipt by lab		1.4	°C		6/2/10	SMATHIS
/OL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
334-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
7-66-3	Chloroform	0.25	0.25 N2	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLI
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE

Laboratory Section>> 1623 Mail Service Center, Raleigh, NC 27699-1623 (919) 733-3908

For a detailed description of the qualifier codes refer to http://portal.ncdenr.org/web/wg/lab/staffinfo/techassist#Dafa\_Qualifier\_Codes <a href="http://portal.ncdenr.org/web/wg/lab/staffinfo/techassist#Dafa\_Qualifier\_Codes <a href="http://portal.ncdenr.org/web/wg/lab/staffinfo/techassist#Dafa\_Qualifier\_C

NC DWQ Laboratory Section Results										
Location ID:	NONCD0002110MYERSBROSGIN	Sample ID:	AB59106	Collect Date:	06/01/2010	Collect Time::	10:10	.		
VOL										
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> <u>Qualifier</u>	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> <u>Date</u>	<u>Validated</u>	by		
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLE	ER		
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	.ER		
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDL	ER		
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE	ER		
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDL	ER		
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLI	ER		
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLI	ER		
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLI	ĒR		
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLI	ER		
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826		ACHANDLI			
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826		ACHANDLI			
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLI	ER		
87-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826		ACHANDLI	ER		
87-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLI	ER		

Sample Comments

VOL: N2 - Compound is present; but unable to acheive good quality matc

					· ·	201	-	i				
GF	ROUNDWATER F	IELD/LA	\B	FORM	1		J		De DIVISIO	partment of N OF WATE	Envir	orth Carolina onment and Natural Resources IALITY-GROUNDWATER SECTION
Coun Quad Lat Repo WSR Shipp Colle FIEL pH 40 Temp	tion code NONCD 0002  Ity ROWQ IN  I NO Serial Long  Int To: ARO, FRO, MRO, RF  O, Kinston FO, Fed, Trust, Ded by: Bus, Courier Hand ctor(s): D ANALYSES  O TO CTOR OF THE PROPERTY OF THE PRO	RO, WaRO, Central Off, Del., Other: Spec. Con	WiR(	0, er:	Water Soil Other Cha	Purpose neOV OwnerD Location or S Description of	Base ale	1910 Enem	Church plaot on	Date Rec Oth Date Date Policicle one)  Red newer	Num e Rec 'd By er: a Ent e Rep estici	ber  beived 6.2.10 Time: 0830  From:Bus, Courier, Hand Del.,  ry By: Ck:  borted:  de Study, Federal Trust, Other:  head in front gard for house  Sample Interval
Field	Analysis By: D. De Car ORATORY ANALYSES	γίο				Remarks Du	ugoc	·	old usti use	(Pumping	time, a	Sample Interval
	BOD 310	mg/L	<u> </u>	Diss, Solids	70300	mg/L	\	Ag-Silver 46566		ug/L	<u> </u>	Organochlorine Pesticides
	COD High 340	mg/L	<u> </u>	Fluoride 95		mg/L	<u> </u>	Al-Aluminum 4655	57	ug/L_	<u></u>	Organophosphorus Pesticides
	COD Low 335	mg/L		Hardness:		mg/L		As-Arsenic 46551	·	_ug/L	<u> </u>	Nitrogen Pesticides
	Coliform: MF Fecal 31616	/100ml		<del> </del> -	non-carb) 902	mg/L	ļ	Ba-Barium 46558		ug/L_	<u> </u>	Acid Herbicides
	Coliform: MF Total 31504	/100ml	<u></u>	Phenois 32	730	ug/l	<u> </u>	Ca-Calcium 4655		mg/L	<u></u>	PCBs
	TOC 680	mg/L	<u></u>	Specific Co		µMhos/cm	·	Cd-Cadmium 465		ug/L_		
	Turbidity 76	NTU	<u> </u>	Sulfate 945		mg/L	ļ	Cr-Chromium 465		ug/L		
<u> </u>	Residue, Total Suspended 530	mg/L	<u></u>	Sulfide 745		mg/L		Cu-Copper 46562		ug/L	<u></u>	
			<u></u>			:	<u> </u>	Fe-Iron 46563		ug/L	<u> </u>	Semivolatile Organics
	· · · · · · · · · · · · · · · · · · ·		<u></u>	Oil and Gre	ase	mg/L	\	Hg-Mercury 7190		ug/L	<u> </u>	TPH-Diesel Range
	pH 403	units	_	<u> </u>			<u> </u>	K-Potassium 4655		mg/L	<u></u>	
	Alkalinity to pH 4.5 410	mg/L		<u> </u>			<b> </b>	Mg-Magnesium 40		mg/L	<u></u>	
	Alkalinity to pH 8.3 415	mg/L		<u> </u>				Mn-Manganese 4	5565	ug/L_	$\geq$	Volatile Organics (VOA bottle)
	Carbonate 445	mg/L		NH <sub>3</sub> as N 6	10	mg/L	<u> </u>	Na-Sodium 46556		mg/L	<u></u>	TPH-Gasoline Range
	Bicarbonate 440	rng/L	<u></u>	TKN as N 6	25	mg/L	<u>                                   </u>	Ni-Nickel		ug/L_		TPH-BTEX Gasoline Range
	Carbon dioxide 405	mg/L		NO <sub>2</sub> + NO <sub>3</sub>	as N 630	mg/L	<u> </u>	Pb-Lead 46564		ug/L	<u></u>	
	Chloride 940	mg/L		P: Total as	P 665	mg/L		Se-Selenium		ua/L	1	1

mg/L

mg/L

Zn-Zinc 46567

ug/L

LAB USE ONLY
Temperature on arrival (°C):

1,4

Lab Comments

Chromium: Hex 1032

Color: True 80

Cyanide 720

ug/L

CU

mg/L

Nitrate (NO<sub>3</sub> as N) 620

Nitrite (NO<sub>2</sub> as N) 615

Report to: MRO	NC DENR/DWQ Chemistry Sample Anomaly Repor		. •
Lab Number: 10(-0325	Sample ID: AB59	106	
Station Location: 1810 Enon Church R.	Rounty: Rowan	Region:	mpo
ple Type: W/OA Price	ority: Routine COC	Collector:	DeCarlo
Luce collected:	e received: 6 1 2 1	10 Date analyzed:	
Affected Parameter(s):	tars		1
Analytical Area (check one):	7000		•
□ WCH □ META	·	VOA PEST	□ SVOA
		135.	
The following anomalies occurred (check all	that apply):		
Samples    Improper container used   VOA vials with headspace   OA   Sulfide samples with headspace   Samples not received, but listed on fields   Samples received, but not listed on fields   Mislabeled as to tests, preservatives, etc.   Holding time expired   Prior to receipt in lab   Insufficient quantity for analysis   Sample exhibits gross non-homogeneity   Sample not chemically preserved properl   Ph out of range (record pH):   Improper chemical   Residual chlorine present in sample   Color interference   Heavy emulsion formed during extraction   Sample bottle broken in lab - no reportab   Other (specify):	ly n ple results	□ Analyst error – no r □ Surrogates □ None added □ Recovery outsi □ Spike recovery □ None added □ Recovery outsi □ Failed to meet criter □ Internal standards □ Blank contamination □ QC data reported outsi □ Incorrect procedure	ide acceptance limits  ide acceptance limits  ria for precision  n  atside of controls (e.g., QCS, LCS)  used  nodified with QA and Branch Head  calibration  imits due to:
Comments:			
<u> </u>			
	·		<u> </u>
Corrective Action:			
Samples were rejected by DWQ Lab. Au  Accepted and analyzed after notifying the  Sample(s) on hold until:  Sample reported with qualification. Data  Other (explain):  Analyzed vial		Λ	
Notification Required (circle one)? Yes Person Contacted:	(N9)	1	Date: / /
Form com	pleted by:	7 A	Date: 10/7-110
I Chemist Review (initial):   IOCHEM METALS	PEST VOA VA		SVOA
Branch Head Review (initial): QA/QC Review (initial): QAF-008-2(SAR)	6/15/10	Lo	gged into database by (initial): Run 6/25/10

Myers - Rentals 2975 Woodleaf

NC DWO Laboratory Section Results

County: River Basin ROWAN

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix: Loc. Type: GROUNDWATER
WATER SUPPLY

Emergency Yes/No

COC Yes/No

YES

VisitID WATER

Sample ID:
PO Number #
Date Received:
Time Received:
Labworks LoginID
Report Generated:
Date Reported:

AB59105 10G0324 06/02/2010 08:30 The 4/9/ SMATHIS

6/8/10 06/08/2010

Loc. Descr.:	KEN MYERS

			(0)			
Location ID: NC	ONCD0002110MYERSBROS	Collect Date:	06/01/2010	Collect Time:	09:38	Sample Depth

CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
LAB							
	Sample temperature at receipt by lab		1.4	°C		6/2/10	SMATHIS
/OL						But 15.	
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER

		NC I	WQ Laboratory Sec	tion Results			
Location ID:	NONCD0002110MYERSBROS	Sample ID:	AB59105	Collect Date:	06/01/2010	Collect Time::	09:38
VOL			5 "		Madhad	Analysis	
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated by
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER
87-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/820	60 6/2/10	ACHANDLE
87-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/820	60 6/2/10	ACHANDLE
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/820	60 6/2/10	ACHANDLE

GROUNDWATER FIELI	D/LAB I	FORM	U		Department DIVISION OF WA	t of Envir	onth Carolina comment and Natural Resources JALITY-GROUNDWATER SECTION	
FIELD ANALYSES  pH 400 Spec  Temp.10	VaRO, WiRO al Off., Other:  A valle  c. Cond.94		Purpose:  ———————————————————————————————————	ite 2975 Wood k	Compliance, LUST (circle on af - Rentels -	Rec'd By Other: Data Ent Date Rep Pestici	ry By: Ck:  de Study, Federal Trust, Other:  GID ON Same well	Del.,
Appearance clear colorless Field Analysis By: DideCarlo LABORATORY ANALYSES	S		_ Sampling Me _ Remarks_pu	rged 15 minu	(Pump, bailer, etc.)	-	Sample Interval_	
COD High 340 m  COD Low 335 m  Coliform: MF Fecal 31616 /1  Coliform: MF Total 31504 /1  TOC 680 m  Turbidity 76 N	ng/L ng/L 100ml 100ml ng/L NTU ng/L	Diss. Solids 70300 Fluoride 951 Hardness: Total 900 Hardness (non-carb) 902 Phenols 32730 Specific Cond. 95 Sulfate 945 Sulfide 745	mg/L mg/L mg/L mg/L ug/l ug/l  µMhos/cm mg/L mg/L mg/L	Ag-Silver 46566  Al-Aluminum 46551  As-Arsenic 46551  Ba-Banum 46558  Ca-Calcium 46552  Cd-Cadmium 4655  Cr-Chromium 4656  Cu-Copper 46562  Fe-Iron 46563	ug/L ug/L mg/ 9 ug/L		Organochlorine Pesticides Organophosphorus Pesticides Nitrogen Pesticides Acid Herbicides PCBs  Semivolatile Organics	
Alkalinity to pH 4.5 410 m  Alkalinity to pH 8.3 415 m  Carbonate 445 m  Bicarbonate 440 m  Carbon dioxide 405 m  Chloride 940 m  Chromium: Hex 1032 u	inits ng/L ng/L ng/L ng/L ng/L ng/L ng/L ng/L	Oil and Grease  NH <sub>3</sub> as N 610  TKN as N 625  NO <sub>2</sub> + NO <sub>3</sub> as N 630  P: Total as P 665  Nitrate (NO <sub>3</sub> as N) 620	mg/L mg/L mg/L mg/L mg/L	Hg-Mercury 71900 K-Polassium 4655 Mg-Magnesium 46 Mn-Manganese 46 Na-Sodium 46556 Ni-Nickel Pb-Lead 46564 Se-Selenium Zn-Zinc 46567	ug/l           5         mg/           554         mg/           565         ug/l		TPH-Diesel Range  Volatile Organics (VOA bottle)  TPH-Gasoline Range  TPH-BTEX Gasoline Range	
00,01,1140,00	ng/L	Nitrite (NO <sub>2</sub> as N) 615	mg/L				BUSE ONLY  nperature on arrival (°C):	

GW-54 REV. 4/06

Carlton Myers 2725 Woodleaf

NC DWO Laboratory Section Results

County: River Basin ROWAN

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

WATER SUPPLY

Emergency Yes/No

COC Yes/No

YES

VisitID VisitID

Sample ID:
PO Number #
Date Received:
Time Received:
Labworks LoginID
Report Generated:
Date Reported:

AB59104
10G0323
06/02/2010
08:30 7 4 4 4 4 1 0
SMATHIS
6/8/10
06/08/2010

Loc. Descr.: CARLTON MYERS

Location ID: MY	YERSBROSGINNONCD0002110	Collect Date:	06/01/2010	Collect Time:	09:11	Sample Depth	

CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
LAB						0/0/40	SMATHIS
	Sample temperature at receipt by lab		1.4	°C		6/2/10	SMATHIS
VOL						0/0/40	ACHANDIED
	Volatile Organics in liquid		TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER

		NC 1	WQ Laboratory Sec	tion Results			
Location ID:	MYERSBROSGINNONCD0002110	Sample ID:	AB59104	Collect Date:	06/01/2010	Collect Time::	09:11
VOL			D 111		8.8.46	Analysis	
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	Analysis Date	Validated by
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
16-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
18-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
99-87 <b>-</b> 6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
37 <b>-</b> 68- <b>3</b>	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
87-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER

		<del>                                     </del>	North Carolina
GROUNDWATER FIELD/LA	B FORM	Department of DIVISION OF WAT	f Environment and Natural Resources ER QUALITY-GROUNDWATER SECTION
County Rouxen  Quad No Serial No.  Lat. Long.  Report To: ARO, FRQ MRO RRO, WaRO, V WSRO, Kinston FO, Fed Trust, Central Off., Shipped by: Bus, Courier Hand Del., Other: Collector(s): DeCarlo (Alvalle FIELD ANALYSES pH 400 Spec. Conc Temp.10 °C Odor Mor Appearance Clear, Colorless Field Analysis By: D. DeCarlo	Mater   Soil   Other   Soil   Other   Mater   Soil   Other   Mater   Other   Mater   Other   Other	SAMPLE PRIORITY  Routine  Emergency  Da  Re  Ott  Da  Da  Da  Da  Da  Da  Da  Da  Da	te Received 6:2:10 Time: 0830 c'd By: From:Bus Courier, Pland Del., ner: Ck: te Reported: Pesticide Study, Federal Trust, Other:
Field Analysis By: D. To Car (o	Remarks_	Durged 15 min. 17 dillo. baller. etc.	ig time, air temp., etc.)
BOD 310	Diss. Solids 70300   mg/L	Al-Aluminum 46557 ug/L As-Arsenic 46551 ug/L Ba-Barium 46558 ug/L Ca-Calcium 46552 mg/L Cd-Cadmium 46559 ug/L Cr-Chromium 46559 ug/L Cu-Copper 46562 ug/L Fe-Iron 46563 ug/L Hg-Mercury 71900 ug/L	Organochlorine Pesticides Organophosphorus Pesticides Nitrogen Pesticides Acid Herbicides PCBs  Semivolatile Organics TPH-Diesel Range
pH 403         units           Alkalinity to pH 4.5 410         mg/L           Alkalinity to pH 8.3 415         mg/L           Carbonate 445         mg/L           Bicarbonate 440         mg/L           Carbon dioxide 405         mg/L           Chloride 940         mg/L           Chromium: Hex 1032         ug/L           Color: True 80         CU           Cyanide 720         mg/L	NH <sub>3</sub> as N 610 mg/L  TKN as N 625 mg/L  NO <sub>2</sub> + NO <sub>3</sub> as N 630 mg/L  P: Total as P 665 mg/L  Nitrate (NO <sub>3</sub> as N) 620 mg/L  Nitrite (NO <sub>2</sub> as N) 615 mg/L	Ni-Nickel ug/L Pb-Lead 46564 ug/L Se-Selenium ug/L Zn-Zinc 46567 ug/L	Volatile Organics (VOA bottle)  TPH-Gasoline Range  TPH-BTEX Gasoline Range  LAB USE ONLY Temperature on arrival (°C):
Lab Comments			

NC DWO Laboratory Section Results

ROWAN County:

River Basin

Report To MROAP

Collector.

D DECARLO

Region: MRO Sample Matrix: GROUNDWATER

Loc. Type:

WATER SUPPLY

<u>YES</u>

Emergency Yes/No

COC Yes/No

VisitID

Loc. Descr.: KEN MYERS

Sample ID:

PO Number #

06/02/2010 Date Received:

Time Received: Labworks LoginID Report Generated:

Date Reported:

AB59105 10G0324

08:30 mps SMATHIS 6/8/10

06/08/2010

Location ID: NONCD0002110MYERSBROS	Collect Date:	06/01/2010	Collect Time:	09:38	Sample Depth

CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
LAB	Sample temperature at receipt by lab		1.4	•c		6/2/10	SMATHIS
VOL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
594-20-7	· 2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-27-4	Bromodichloromethane	0.25	Not detected .	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER

		3.0 -	WQ Laboratory Sec		0010410040	Collect Time::	09:38
Location ID:	NONCD0002110MYERSBROS	Sample ID:	AB59105	Collect Date:	06/01/2010	Collect Time.	03.30
VOL			Result/		Method	<u>Analysis</u>	Validated by
CAS#	Analyte Name	<u>PQL</u>	Qualifier	<u>Units</u>	Reference	<u>Date</u>	•
4-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
6-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
7-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
8-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
0-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826		ACHANDLER
8-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826		ACHANDLER
0-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
)-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
5-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
3-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
3-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
8-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
	1.2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
5-12-8 20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
	and the second s	0.5	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
1-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
7-68-3	Hexachlorobutadiene	1	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
7-61-6	1,2,3-Trichlorobenzene VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/820	50 6/2/10	ACHANDLE

### North Carolina **GROUNDWATER FIELD/LAB FORM** Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION Location code NONCDOOD 2110 Myers Bros. 106 0324 Lab Number SAMPLE TYPE SAMPLE PRIORITY ☑ Routine **⊠** Water County\_ Rowan ☐ Emergency ☐ Soil Date Received Serial No.\_\_\_\_ Quad No ☐ Other From: Bus Courier Hand Del., Rec'd By: Other: Chain of Custody Report To: ARO, FRO, MRO, RRO, WaRO, WIRO, Data Entry By: Date Reported: WSRO, Kinston FO, Fed. Trust, Central Off., Other: Shipped by: Bus, Courien Hand Del., Other: Purpose: DeCarlo (Hvolle Date 6/1/2010 Time 0938 Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: Collector(s): Owner Ken Mylus FIELD ANALYSES Location or Site 2975 wood leaf - Rentals - 3 resid. on some well at 25°C DH 400 Spec, Cond.94 ---Description of sampling point spigot on well head °C Odor none Temp.<sub>10</sub> — Damp 0 Sample Interval Sampling Method Appearance clear, colorless Remarks Duvaed 15 minutes Field Analysis By: DieCarlo (Pumping time, air temp., etc.) LABORATORY ANALYSES Aq-Silver 46566 Organochlorine Pesticides Diss. Solids 70300 mg/L ug/L BOD 310 mg/L Al-Aluminum 46557 Organophosphorus Pesticides Fluoride 951 mg/L ua/L mg/L COD High 340 As-Arsenic 46551 Nitrogen Pesticides Hardness: Total 900 mg/L ug/L COD Low 335 mg/L Ba-Barium 46558 Acid Herbicides Hardness (non-carb) 902 mg/L ug/L Coliform: MF Fecal 31616 /100ml Ca-Calcium 46552 PCBs Phenois 32730 ug/l mg/L /100ml Coliform: MF Total 31504 Cd-Cadmium 46559 Specific Cond. 95 uMhos/cm ug/L mg/L TOC 680 Cr-Chromium 46559 NTU Sulfate 945 ma/L ug/L Turbidity 76 Cu-Copper 46562 Sulfide 745 mg/L ug/L Residue, Total Suspended 530 mg/L Fe-Iron 46563 Semivolatile Organics ug/L Hq-Mercury 71900 TPH-Diesel Range Oil and Grease mg/L ug/L K-Potassium 46555 mg/L pH 403 units Mg-Magnesium 46554 Alkalinity to pH 4,5 410 mg/L mg/L Mn-Manganese 46565 Volatile Organics (VOA bottle) ug/L Alkalinity to pH 8.3 415 mg/L Na-Sodium 46556 TPH-Gasoline Range NH, as N 610 mg/L mg/L Carbonate 445 mg/L Ni-Nickel TPH-BTEX Gasoline Range TKN as N 625 mg/L ug/L Bicarbonale 440 mg/L Pb-Lead 46564 NO2 + NO3 as N 630 mg/L ug/L mg/L Carbon dioxide 405 Se-Selenium P: Total as P 665 mg/L ug/L Chloride 940 ma/L Zn-Zinc 46567 Nitrate (NO<sub>3</sub> as N) 620 mg/L ug/L ug/L Chromium: Hex 1032

mg/L

LAB USE ONLY

Temperature on arrival (°C):

Nitrite (NO2 as N) 615

CU

Color: True 80

Cyanide 720 Lab Comments

Corlton Myers
2725 Wardhorf

NC DWO Laboratory Section Results

County:

ROWAN

River Basin

Report To MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

WATER SUPPLY

Emergency Yes/No

COC Yes/No

<u>YES</u>

VisitID VisitID

JUN 14 2

Sample ID:
PO Number #
Date Received:
If ime Received:
abworks LoginID
Report Generated:
Bate Reported:

AB59104 10G0323 06/02/2010 08:30 7042 44/10 SMATHIS 6/8/10

06/08/2010

			<del></del>	i		
Location ID:	MYERSBROSGINNONCD0002110	Collect Date:	06/01/2010	Collect Time:	09:11	Sample Depth
Location 10.	MILIOBRESSIMORESTEE	L				

Loc. Descr.: CARLTON MYERS

CAS#	Analyte Name	PQL	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> <u>Reference</u>	Analysis Date	Validated by
LAB						6/2/10	SMATHIS
	Sample temperature at receipt by lab		1.4	•c			
VOL					EPA5030/624/8260	6/2/10	ACHANDLER
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L		6/2/10	ACHANDLER
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
107-06-2	1.2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-55-6	1.1.1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-01-5	cis-1.3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
10061-01-5		0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
79-00-5	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-88-3	Toluene			ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected				

		NCI	DWQ Laboratory Sec			O - N 1 T'	00:44
Location ID:	MYERSBROSGINNONCD0002110	Sample ID:	AB59104	Collect Date:	06/01/2010	Collect Time::	09:11
VOL			Result		Method	Analysis	Malidated by
CAS#	Analyte Name	<u>PQL</u>	<u>Resulv</u> Qualifier	<u>Units</u>	Reference	Date	Validated by
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
8-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
0414	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826		ACHANDLER
8-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826		ACHANDLER
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLEF
5-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLEF
3-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
03-65-1	n-Propylbenzene	. 0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLEF
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
5-50 <b>-</b> 1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
9-87-6		0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
04-51-8	n-Butylbenzene	2	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
6-12-8	1,2-Dibromo-3-Chloropropane	0.5	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
1-20-3	Naphthalene			ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/82		ACHANDLE
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/82		ACHANDLE
	VOC'S BY GC/MS	1	Not detected				

<b>~</b>		1'0/	
GROUNDWATER FIELD/LA	AB FORM	Department of E DIVISION OF WATER	North Carolina nvironment and Natural Resources QUALITY-GROUNDWATER SECTION
County Rouxen  Quad No Serial No.  Lat. Long.  Report To: ARO, FRO MRO RRO, WaRO, WSRO, Kinston FO, Fed Trust, Central Off., Shipped by: Bus, Courier Hand Del., Other:  Collector(s): Decarlo (Alualle FIELD ANALYSES  PH 400 Spec. Con Temp.10 °C Odor AO  Appearance Clear, Colorless Field Analysis By: D. Tecarlo	WiRO,  Other:  Date 6/1/20/0 Time 09/1  Owner 6  d.94 at 25°C Location of Description	Emergency Date Rec'd Other Data Date	
Field Analysis By: D. De Car (o LABORATORY ANALYSES	Remarks_	purged 15 MIN. (Pumping to	me, air temp., etc.)
BOD 310   mg/L     COD High 340   mg/L     COD Low 335   mg/L     Coliform: MF Fecal 31616   /100ml     Coliform: MF Total 31504   /100ml     TOC 680   mg/L     Turbidity 76   NTU     Residue, Total Suspended 530   mg/L     pH 403   units     Alkalinity to pH 4.5 410   mg/L     Alkalinity to pH 8.3 415   mg/L     Carbonate 445   mg/L     Bicarbonate 440   mg/L     Carbon dioxide 405   mg/L	Diss. Solids 70300 mg/N Fluoride 951 mg/N Hardness: Total 900 mg/N Hardness (non-carb) 902 mg/N Phenols 32730 ug/N Specific Cond. 95 μMhos/c Sulfate 945 mg/N Oit and Grease mg/N NH₃ as N 610 mg TKN as N 625 mg	Al-Aluminum 46557 ug/L  As-Arsenic 46551 ug/L  Ba-Barium 46558 ug/L  Ca-Calcium 46552 mg/L  Ct-Cadmium 46559 ug/L  Cr-Chromium 46559 ug/L  Cu-Copper 46562 ug/L  Fe-Iron 46563 ug/L  Hg-Mercury 71900 ug/L  K-Potassium 46555 mg/L  Mg-Magnesium 46554 mg/L  Mn-Manganese 46565 ug/L  Na-Sodium 46556 mg/L  Ni-Nickel ug/L	Organochlorine Pesticides Organophosphorus Pesticides Nitrogen Pesticides Acid Herbicides PCBs  Semivolatile Organics TPH-Dieset Range  Volatile Organics (VOA bottle) TPH-Gasoline Range TPH-BTEX Gasoline Range
Chloride 940         mg/L           Chromium: Hex 1032         ug/L           Color: True 80         CU           Cyanide 720         mg/L	P: Total as P 665       mg         Nitrate (NO <sub>2</sub> as N) 620       mg         Nitrite (NO <sub>2</sub> as N) 615       mg	L Zn-Zinc 46567 ug/L	LAB USE ONLY Temperature on arrival (°C):
Lab Comments	ubmit filtered sample and write "DIS" in block.		

Page | of |

	·			bd water	Incident	No. NA	
Sample collect and GW-54 fo	tor (print name) orms completed by:	Donna De Sample c	eCar (o ollector's signature:	( Count Mea (	6		
Field storage of	conditions and loca	tion (when applicat	ole):				
Lab Use Only		T	LOGITION		DATE SAMPLED	TIME SAMPLED	NUMBER OF CONTAINER
LAB NO.	SAMPLE ID	QUAD, NO.	LOCATION P	ark (ME)	6/1/2010	1524	-
59109	1	+				1528	3
59110	2			Springs E	6/1/2010	1530	3
59111	3		Aqua	Fina	6/1/2010	1030	
				200			
Relinquished	Dy (signature) Dear () MM	ello	8/1/2010 17	ime Received by (signa 30 A Moull ime Received by (signa		Date Date	7 Time 083
	by (signature): by (signature):			ime Received by (signa		Date	Time
Method of Sh	nipment (check one)		Hand-delivered	Federal Express Broken by:	UPS Other:		
Security Type	e and Conditions:	Sealed by:	Meel 6	- Api	Mora		
INTRALABO	PRATORY CHAIN NUMBERS THROUGH	( Deed	- Lab Use Only ANALYSES REQUESTED	RELINQUISHED BY:	RECEIVED BY:	DATE	TIME
INTRALABO LAB N FROM	ORATORY CHAIR	N OF CUSTODY NUMBER	ANALYSES	RELINQUISHED	RECEIVED		
INTRALABO LAB N	ORATORY CHAIR NUMBERS THROUGH	NOF CUSTODY NUMBER BOTTLES	REQUESTED	RELINQUISHED BY:	RECEIVED BY:  Moran		
INTRALABO LAB N FROM	ORATORY CHAIR NUMBERS THROUGH	NOF CUSTODY NUMBER BOTTLES	REQUESTED	RELINQUISHED BY:  Apmun	RECEIVED BY:  MORAN  RECEIVED  BY:  MARAN  VED		
INTRALABO LAB N FROM	ORATORY CHAIR NUMBERS THROUGH	NOF CUSTODY NUMBER BOTTLES	REQUESTED	RECEI	RECEIVED BY:  MORAN  RECEIVED  BY:  MORAN  VED  2010		
INTRALABO LAB N FROM	ORATORY CHAIR NUMBERS THROUGH	NOF CUSTODY NUMBER BOTTLES	REQUESTED	RELINQUISHED BY:  RECEI  JUN 0 4	RECEIVED BY:  MORAN  RECEIVED  BY:  MORAN  VED  2010		

NC DWO Laboratory Section Results

County: River Basin

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

Emergency Yes/No

COC Yes/No

YES

VisitID

Loc. Descr.: BOTTLED

Date Reported:

Sample ID: PO Number # Date Received: Time Received:

Labworks LoginID Report Generated: AB59109 10G0328 06/02/2010

08:30 m/s SMATHIS

6/8/10 06/08/2010

Location ID: MROAPNLC	Collect Date:	06/01/2010	Collect Time:	15:24	Sample Depth

CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	<u>Method</u> <u>Reference</u>	Analysis Date	Validated by
_AB	Sample temperature at receipt by lab		1.4	°C		6/2/10	SMATHIS
/OL	Campio tomporation						
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
663-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
66-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE

		JVC 12	WQ Laboratory Sec	tion Kesutts			4
Location ID:	MROAPNLC	Sample ID:	AB59109	Collect Date:	06/01/2010	Collect Time::	15:24
VOL			5		Mathad	Analysis	•
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qual <u>ifier</u>	<u>Units</u>	<u>Method</u> Reference	<u>Date</u>	Validated b
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLE
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLE
0-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
5-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
3-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/820	60 6/2/10	ACHANDLE
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/820	60 6/2/10	ACHANDLE
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDL
5-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDL
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDL
1-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLI
7-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLI
7-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLI
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDL

COC

GROUNDWATER FIELD/LA	B FORM	North Carolina  Department of Environment and Natural Resources  DIVISION OF WATER QUALITY-GROUNDWATER SECTION
County  Quad No Serial No. Lat. Long.  Report To: ARO, FRO, MRO, RRO, WaRO, WWSRO, Kinston FO, Fed Trust, Central Off., Shipped by: Bus, Courier, Hand Del., Other: Collector(s): Spec. Cond. FIELD ANALYSES pH 400 Spec. Cond. Temp. 10 °C Odor Appearance	SAMPLE TYPE  Water Soil Other Chain of Custody  Purpose Date 6/1/20/0 Time 15 2 4  Owner 500 Location or Sampling Me	SAMPLE PRIORITY    A Routine
Field Analysis By:	Remarks	(Pumping time, air temp., etc.)
BOD 310   mg/L	Diss. Solids 70300 mg/L  Fluoride 951 mg/L  Hardness: Total 900 mg/L  Hardness (non-carb) 902 mg/L  Phenols 32730 ug/l  Specific Cond. 95 µMhos/cm  Sulfate 945 mg/L  Sulfide 745 mg/L  Oil and Grease mg/L  NH₃ as N 610 mg/L  TKN as N 625 mg/L  NO₂ + NO₃ as N 630 mg/L  P: Total as P 665 mg/L  Nitrate (NO₃ as N) 620 mg/L	Ag-Silver 46566
Color: True 80 CU Cyanide 720 mg/L	Nitrite (NO <sub>2</sub> as N) 615 mg/L	Temperature on arrival (°C):
Lab Comments		

Poland Springs Bottled Water

NC DWO Laboratory Section Results

County:

River Basin Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix: Loc. Type: GROUNDWATER
TRIP BLANK

Emergency Yes/No

COC Yes/No

YES

VisitID NATES OF WATES OF WATE

Sample ID:
PO Number #
Pate Received:
Time Received:
Labworks LoginID
Report Generated:
Date Reported:

AB59110 10G0329 06/02/2010 08:30 SMATHIS 6/8/10 06/08/2010

Loc.	Descr.:

			_
Collect Time:	15:28	Sample Depth	

Location	ID: MROAPNLC	Collect Da	ate: 06/01/2010	Collect Time:	15:28	Sample Depti	1
CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	Units	Method Reference	Analysis Date	Validated by
.AB	Sample temperature at receipt by lab		1.4	°C		6/2/10	SMATHIS
OL.		The sales					AQUANDI FI
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-34-3	1.1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
94-20-7	2.2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLE

		NC I	WQ Laboratory Sec	tion Results			
Location ID:	MROAPNLC	Sample ID:	AB59110	Collect Date:	06/01/2010	Collect Time::	15:28
VOL		<u></u>			Madhad	Analysis	
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	Date	<u>Validated by</u>
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLER
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
30-20-6	1.1.1.2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	6/2/10	ACHANDLE
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
8-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	60 6/2/10	ACHANDLE
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/820	60 6/2/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/820	60 6/2/10	ACHANDLE
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/820	60 6/2/10	ACHANDLE
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
1-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
7-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
7-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLE

# NC DWO Laboratory Section Results

County: River Basin

Report To

MROAP

D DECARLO Collector: MRO Region:

Sample Matrix:

GROUNDWATER TRIP BLANK

Loc. Type: Emergency Yes/No

COC Yes/No



Sample ID: PO Number # Date Received: Time Received: Labworks LoginID Report Generated: Date Reported:

AB59111 10G0330 06/02/2010 08:30 **SMATHIS** 6/15/10 06/15/2010

	<b>D</b>						
Locatio	on ID: MROAPNLC	Collect Dat	te: 06/01/2010	Collect Time:	15:30	Sample Depth	
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
LAB	Sample temperature at receipt by lab		1.4	°C		6/2/10	SMATHIS
VOL	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
		0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
74-83-9	Bromomethane	0.0	1101 4010 411				. ALLIANDI ED

a la tamageture et receint by lah		1.4	°C		6/2/10	SMATHIS
Sample temperature at receipt by lab				Y		
		TITLE	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
	1		ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
			ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
			ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
•			ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
			ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
				EPA5030/624/8260	6/2/10	ACHANDLER
				EPA5030/624/8260	6/2/10	ACHANDLER
1,1-Dichloroethene				EPA5030/624/8260	6/2/10	ACHANDLER
Methylene Chloride				EPA5030/624/8260	6/2/10	ACHANDLER
trans-1,2-Dichloroethene					6/2/10	ACHANDLER
Methyl Tert-Butyl Ether					6/2/10	ACHANDLER
1,1-Dichloroethane						ACHANDLER
cis-1,2-Dichloroethene	0.25	Not detected				ACHANDLER
Bromochloromethane	0.25	Not detected				ACHANDLER
Chloroform	0.25	1.2				ACHANDLER
2,2-Dichloropropane	0.25	Not detected				ACHANDLER
1,2-Dichloroethane	0.25	Not detected				ACHANDLER
1,1,1-Trichloroethane	0.25	Not detected	ug/L			ACHANDLER
1,1-Dichloropropene	0.25	Not detected	ug/L			ACHANDLER
Carbon Tetrachloride	0.25	Not detected	ug/L			
Benzene	0.25	Not detected	ug/L			ACHANDLER
	1	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
	0.25	Not detected	ug/L	EPA5030/624/8260	1/ 2/100	ACHANDLER
	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
		Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLEF
			ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
			ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
loluene	0.25		ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
	trans-1,2-Dichloroethene  Methyl Tert-Butyl Ether  1,1-Dichloroethane cis-1,2-Dichloroethene Bromochloromethane Chloroform 2,2-Dichloropropane 1,2-Dichloroethane 1,1,1-Trichloroethane 1,1-Dichloropropene Carbon Tetrachloride Benzene Dibromomethane 1,2-Dichloropropane Trichloroethene Bromodichloromethane cis-1,3-Dichloropropene trans-1,3-Dichloropropene 1,1,2-Trichloroethane	Volatile Organics in liquid  Dichlorodifluoromethane  Chloromethane  O.5  Vinyl Chloride  Bromomethane  O.5  Chloroethane  O.5  Trichlorofluoromethane  O.5  1,1-Dichloroethene  Methylene Chloride  trans-1,2-Dichloroethene  Methyl Tert-Butyl Ether  1,1-Dichloroethane  O.25  Methyloroethane  O.25  Bromochloromethane  O.25  Cis-1,2-Dichloroethene  D.25  Bromochloromethane  O.25  Chloroform  O.25  Chloroform  O.25  2,2-Dichloropropane  1,2-Dichloroethane  O.25  1,1-Trichloroethane  O.25  1,1-Dichloropropene  O.25  Carbon Tetrachloride  D.25  Dibromomethane  1  1,2-Dichloropropane  1  1,2-Dichloropropane  O.25  Benzene  O.25  Dibromomethane  1  1,2-Dichloropropane  O.25  Trichloroethene  O.25  Bromodichloromethane  O.25  Trichloroethene  O.25	Volatile Organics in liquid Dichlorodifluoromethane 1 Not detected Chloromethane 0.5 Not detected Vinyl Chloride Bromomethane 0.5 Not detected Chloroethane 0.5 Not detected Trichlorofluoromethane 0.5 Not detected Trichlorofluoromethane 0.5 Not detected Trichlorofluoromethane 0.5 Not detected Trichloroethene 0.25 Not detected Methylene Chloride trans-1,2-Dichloroethene 0.25 Not detected Methyl Tert-Butyl Ether 0.25 Not detected 1,1-Dichloroethane 0.25 Not detected Cis-1,2-Dichloroethene 0.25 Not detected Bromochloromethane 0.25 Not detected Chloroform 0.25 Not detected Chloroform 0.25 Not detected 1,2-Dichloroethane 0.25 Not detected 1,1-Trichloroethane 0.25 Not detected 1,1-Dichloropropane 0.25 Not detected 1,1-Dichloropropane 0.25 Not detected 1,1-Dichloropropane 0.25 Not detected 1,1-Dichloropropane 0.25 Not detected Trichloropropane 0.25 Not detected Dibromomethane 0.25 Not detected Trichloropropane 0.25 Not detected	Volatile Organics in liquid  Dichlorodifluoromethane  1 Not detected  Ug/L  Chloromethane  0.5 Not detected  Ug/L  Bromomethane  0.5 Not detected  Ug/L  Bromomethane  0.5 Not detected  Ug/L  Chloroethane  0.5 Not detected  Ug/L  Chloroethane  0.5 Not detected  Ug/L  Trichlorofluoromethane  0.5 Not detected  Ug/L  Trichlorofluoromethane  0.5 Not detected  Ug/L  Methylene Chloride  10 Not detected  Ug/L  Methylene Chloride  10 Not detected  Ug/L  Methyl Tert-Butyl Ether  0.25 Not detected  Ug/L  1,1-Dichloroethane  0.25 Not detected  Ug/L  1,1-Dichloroethane  0.25 Not detected  Ug/L  Bromochloromethane  0.25 Not detected  Ug/L  Chloroform  0.25 Not detected  Ug/L  2,2-Dichloropropane  0.25 Not detected  Ug/L  1,1-Trichloroethane  0.25 Not detected  Ug/L  1,1-Dichloroethane  0.25 Not detected  Ug/L  2,2-Dichloropropane  0.25 Not detected  Ug/L  1,1-Dichloropropane  0.25 Not detected  Ug/L  Dibromomethane  0.25 Not detected  Ug/L  Benzene  0.25 Not detected  Ug/L  Carbon Tetrachloride  Dibromomethane  1 Not detected  Ug/L  Benzene  0.25 Not detected  Ug/L  Trichloroethane  0.25 Not detected  Ug/L  Dibromomethane  0.25 Not detected  Ug/L  Trichloropropane  0.25 Not detected  Ug/L	Volatile Organics in liquid	Volatile Organics in líquid

		NC D	WQ Laboratory Sect	ion Results			
Location ID:	MROAPNLC	Sample ID:	AB59111	Collect Date:	06/01/2010	Collect Time::	15:30
VOL					Method_	Analysis	
CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	<u>Units</u>	Reference	Date	Validated by
	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
24-48-1		0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
100-41-4	Ethylbenzene	1	Not detected	ug/L	EPA5030/624/8260	6/2/10	ACHANDLER
75-25-2	Bromoform .	0.5	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
108-38-3	m,p-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
100-42-5	Styrene		Not detected	ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25		ug/L	EPA5030/624/826	0 6/2/10	ACHANDLER
630-20-6	1,1,1,2-Tetrachioroethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
98-82-8	tsopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected		EPA5030/624/826		ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L			ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/828		
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/820		ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/820		ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
		0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLER
87-68-3	Hexachlorobutadiene	1	Not detected	ug/L	EPA5030/624/82	60 6/2/10	ACHANDLEF
87-61-6	1,2,3-Trichlorobenzene		Mot detected				

Trip Blank Bottled Water Project COC

GROUNDWATER FIELD/LAB FOR	₹M	Department of E DIVISION OF WATE	R QUALITY-GROUNDWATER SECTION
Location code NONCO 000 2710		SAMPLE PRIORITY /	06 0330 MS9111
	<b>⊠</b> Water	M Pouting     / - \ lab	Number
County	—	☐ Emergency ( Ć ) Date	Received 10.2.15 Time: 0830
Ouad No Serial No	Other	Pari	d By: Linu From:Bus Courier Hand Del:
Quad No Serial No Lat Long	CJ Other	Othe	of By: Hand Del., er: Hand Del.,
	III	Date	Entry By: Ck:
Report To: ARO, FRO MRO RRO, WaRO, WiRO,		Date	Reported:
MCDO Kington EO Ford Trust Central Off, Other:			
Shipped by: Bus Courier, Hand Del., Other: Collector(s): FIELD ANALYSES PH 400 Spec. Cond.54	Purpose:	Resoling Complaint Compliance, LUST, Pe	esticide Study, Federal Trust Other:
Collector(s): D. De Carlo Bat	te <u>6/1/2070</u> Time 15 50	all A FINO	
FIELD ANALYSES	at 25°C Location or S	ite bottod water	
P11 480	Description of	f sampling point Acw York	
Temp. <sub>10</sub>	Sampling Me	thod(Pump. bailer, etc.)	Sample Interval
AppearanceField Analysis By:	Remarks		time, air temp., etc.)
LABORATORY ANALYSES			
BOD 310 mg/L Diss.	s. Solids 70300 mg/L	Ag-Silver 46566 ug/L	Organochlorine Pesticides
<del>     </del>	oride 951 mg/L	Al-Aluminum 46557 · ug/L	Organophosphorus Pesticides
	dness: Total 900 mg/L	As-Arsenic 46551 ug/L	Nitrogen Pesticides
1 000 20 500	dness (non-carb) 902 mg/L	Ba-Barium 46558 ug/L	Acid Herbicides
	nois 32730 ug/l	Ca-Calcium 46552 mg/L	PCBs
	ecific Cond. 95 µMhos/cm	Cd-Cadmium 46559 ug/L	<u></u>
1 100000	fate 945 mg/L	Cr-Chromium 46559 ug/L	<u></u>
	fide 745 mg/L	Cu-Copper 46562 ug/L	
Residue, I diai odsperides 333		Fe-Iron 46563 ug/L	Semivolatile Organics
Oil	and Grease mg/L	Hg-Mercury 71900 ug/L	TPH-Diesel Range
pH 403 units		K-Potassium 46555 mg/L	
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 46554 mg/L	
Alkalinity to pH 8.3 415 mg/L		Mn-Manganese 46565 ug/L	Volatile Organics (VOA bottle)
7 maining to private the	3 as N 610 mg/L	Na-Sodium 46556 mg/L	TPH-Gasoline Range
Calbonate 443	N as N 625 mg/L	Ni-Nickel ug/L	TPH-BTEX Gasoline Range
Bicarbonate 440	02 + NO3 as N 630 mg/L	Pb-Lead 46564 ug/L	
Calibart diaxida 188	Total as P 665 mg/L	Se-Setenium ug/L	
Ciliotide 340	rate (NO <sub>3</sub> as N) 620 mg/L	Zn-Zinc 46567 ug/L	
Chiofhidhi. Hex 1002	rite (NO <sub>2</sub> as N) 615 mg/L		Temperature on arrival (°C): / 4
Color. True ou			Temperature on anivar ( 0). 717
Cyanide 720 mg/L		J L	
Lab Comments			

Trip Blank Bottled Water Project (

GROUNDWATER FIELD/LAB FORM			f Environment and Natural Resources ER QUALITY-GROUNDWATER SECTION
Location code	SAMPLE TYPE	SAMPLE PRIORITY	10/- h 329 M COLLD
County	☑ Water		10G-0329 MS9110
Quad No Serial No Lat Long	☐ Soil☐ Other☐ Solution of Custody	Red	te Received 6.2.8 Time: 0836 c'd By: From:Bus, Courier, Hand Del., ner: HM
pH 400 Spec. Condea	at 25°C Location or S	Date Baseline, Complaint, Compliance, LUST, P	
Field Analysis By:	Sampling Me	thodtrump, paner, etc.)	Sample Interval
LABORATORY ANALYSES	- 70200 mg/l		
BOD 310   mg/L   Diss. Solid   COD High 340   mg/L   Fluoride 95		Ag-Silver 46566 ug/L Al-Aluminum 46557 ug/l	Organochlorine Pesticides
	·		Organophosphorus Pesticides
		ugiz -	Nitrogen Pesticides
	(non-carb) 902 mg/L		Acid Herbicides PCBs
	<u> </u>	mg/2	TPCBS
TOC 680   mg/L   Specific Co			
	<del></del>		
Residue, Total Suspended 530 mg/L Sulfide 745	5 mg/L		O and a till a Constitution
			Semivolatile Organics
Oil and Gre	ease mg/L		TPH-Diesel Range
pH 403 units		Thight Laborate and the state of the state o	
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 46554 mg/L	
Alkalinity to pH 8.3 415 mg/L		Mn-Manganese 46565 ug/L	Volatile Organics (VOA bottle)
Carbonate 445 mg/L NH <sub>3</sub> as N 6		Na-Sodium 46556 mg/L	TPH-Gasoline Range
Bicarbonate 440 mg/L TKN as N	<del> </del>	Ni-Nickel ug/L	TPH-BTEX Gasoline Range
Carbon dioxide 405 mg/L NO <sub>2</sub> + NO <sub>3</sub>		Pb-Lead 46564 ug/L	
Chloride 940 mg/L P: Total as	<u></u>	Se-Selenium ug/L	<del>                                   </del>
Chromium: Hex 1032 ug/L Nitrate (NC	0 <sub>3</sub> as N) 620 mg/L	Zn-Zinc 46567 ug/L	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Color: True 80 CU Nitrite (NO	2 as N) 615 mg/L.		LAB USE ONLY Temperature on arrival (°C):
Cyanide 720 mg/L			Temporatare on arrivary oy.
Lab Comments_			

Pest. 3140 Woodkaf
Reed 6/42010

NC DWO Laboratory Section Results

County: River Basin ROWAN

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

WATER SUPPLY

Emergency Yes/No

COC Yes/No

YES

VisitID VisitID

Loc. Descr.: BOBBY REED

JUL 6 2

Sample ID:
PO Number #
Date Received:
Time Received:
Labworks Login!D
Report Generated:
Date Reported:

AB59107 10G0325 06/02/2010 08:30 SMATHIS 7/1/10 07/01/2010

mfs 2.1.10

Location	n ID: NONCD0002110MYERSBROS	Collect Da	ate: 06/01/2010	Collect Time	11:15	Sample Depti	n
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated b
AB	Sample temperature at receipt by lab		1.4	°C	48	6/2/10	SMATHIS
ES							
	Chlorinated Pesticides in Liquid		_TITLE_	ug/L	EPA 608	6/7/10	NGOOD
5972-60-8	Alachlor	0.28	Not detected	ug/L	EPA 608	6/7/10	NGOOD
09-00-2	Aldrin	0.06	Not detected	ug/L	EPA 608	6/7/10	NGOOD
912-24-9	Atrazine	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
19-84-6	BHC-Alpha	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
19-85-7	BHC-Beta	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
19-86-8	BHC_Delta	0.06	Not detected	ug/L	EPA 608	6/7/10	NGOOD
8-89-9	BHC-Gamma (Lindane)	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
7-74-9	Chlordane, Technical	0.5	Not detected	ug/L	EPA 608	6/7/10	NGOOD
103-71-9	Chlordane, Alpha	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
103-74-2	Chlordane, Gamma	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
734-48-3	Chlordene	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
675-77-6	Chlorneb	0.21	Not detected	ug/L	EPA 608	6/7/10	NGOOD
10-15-6	Chlorobenzilate	0.33	Not detected	ug/L	EPA 608	6/7/10	NGOOD
921-88-2	Chlorpyrifos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
897-45-6	Chlorthalonil	0.2	Not detected	ug/L	EPA 608	6/7/10	NGOOD
861-32-1	DCPA	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
0-57-1	Dieldrin	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
59-98-8	Endosulfan I	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3213-65-9	Endosulfan II	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
031-07-8	Endosulfan sulfate	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2-20-8	Endrin	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
421-93-4	Endrin Aldehyde	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3494-70-5	Endrin Ketone	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
593-15-9	Ethazole	0.09	Not detected	ug/L	EPA 608	6/7/10	NGOOD
5-44-8	Heptachlor	0.06	Not detected	ug/L	EPA 608	6/7/10	NGOOD
024-57-3	Heptachlor epoxide	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
18-74-1	Hexachlorobenzene(Pest)	0.015	Not detected	ug/L	EPA 608	6/7/10	NGOOD
21-75-5	Malathion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
385-85-5	Mirex	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD

			DWQ Laboratory Sec			:	
Location ID:	NONCD0002110MYERSBROS	Sample ID:	AB59107	Collect Date:	06/01/2010	Collect Time::	11:15
PES	•		Result/		Method	Analysis	
CAS#	Analyte Name	<u>PQL</u>	Qualifier	<u>Units</u>	Reference	Date	Validated by
9765-80-5	Trans Nonachlor	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
6880-48-8	Oxychlordane	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2645-53-1	Mixed Permethrin	1.2	Not detected	ug/L	EPA 608	6/7/10	NGOOD
17-18-0	Tecnazene	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
582-09-8	Trifluralin	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
2674-11-12	Aroclor 1016	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1104-28-2	Aroclor 1221	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1141-16-5	Aroclor 1232	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3469-21-9	Aroclor 1242	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
12672-29-6	Aroclor 1248	1	Not detected	ug/L	EPA 608	- 6/7/10	NGOOD
11097-69-1	Aroclor 1254	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
1096-82-5	Aroclor 1260	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
37324-23-5	Aroclor 1262	1	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3001-35-2	Toxaphene	3	Not detected	ug/L	EPA 608	6/7/10	NGOOD
	Unidentified peaks by GC/ECD		0	ug/L	EPA 608	6/7/10	NGOOD
<del></del>	Phosphorus based Pesticides in Lic	quid	_TITLE_	ug/L	EPA 614	6/4/10	NGOOD
86-19-6	Carbophenothion	0.8	Not detected	ug/L	EPA 614	6/4/10	NGOOD
8-48-8	DEF (Oxidized merphos)	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
26-75-0	Demeton	0.8	Not detected	ug/L	EPA 614	6/4/10	NGOOD
33-41-5	Diazinon	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
0-51-5	Dimethoate	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
98-04-4	Disulfoton	0.8	Not detected	ug/L	EPA 614	6/4/10	NGOOD
2497-06-5	Disulfoton Sulfone	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
2497-07-6	Disulfoton Sulfoxide	10	Not detected	ug/L	EPA 614	6/4/10	NGOOD
2104-64-5	EPN	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
63-12-2	Ethion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
3194-48-4	Ethoprop	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
55-38-9	Fenthion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
15-90-2	Fensulfothion	2.2	Not detected	ug/L	EPA 614	6/4/10	NGOOD
923-22-4	Monocrotophos	1	Not detected	ug/L	EPA 614	6/4/10	NGOOD
300-76-5	Naled	2.7	Not detected	ug/L	EPA 614	6/4/10	NGOOD
6-38-2	Ethyl Parathion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
298-00-0	Methyl Parathion	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
298-02-2	Phorate	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
99-84-3	Ronnel	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
689-24-5	Sulfotepp	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
13071-79-9	Terbufos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
	Unidentified peaks by GC/FPD	<del></del>	0	ug/L	EPA 614	6/4/10	NGOOD
<del></del>	Nitrogen based Pesticides in Liquic	<del></del>	_TITLE_	ug/L	EPA 619	6/18/10	NGOOD
334-12-8	Ametryn	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1610-17-9	Atraton	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
314-40-9	Bromacil	15	Not detected	ug/L	EPA 619	6/18/10	NGOOD

[		NC I	OWQ Laboratory Sec	tion Results	<del></del>		
Location ID:	NONCD0002110MYERSBROS	Sample ID:	AB59107	Collect Date:	06/01/2010	Collect Time::	11:15
PES							•
<u>CAS #</u>	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated by
23184-66-9	Butachlor	15	Not detected	ug/L	EPA 619	6/18/10	NGOOD
2008-41-5	Butylate	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
101-21-3	chlorpropham	18	Not detected	ug/L	EPA 619	6/18/10	NGOOD
21725-46-2	Cyanazine	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1134-23-2	Cycloate	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
957-51-7	Diphenamid	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
759-94-4	EPTC(Eptam)	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
51235-04-2	Hexazinone	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
51218-45-2	Metolachlor	18	Not detected	ug/L	EPA 619	6/18/10	NGOOD
21087-64-9	Metribuzin	18	Not detected	ug/L	EPA 619	6/18/10	NGOOD
2212-67-1	Molinate	-6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
15299-99-7	Napropamide	15	Not detected	ug/L	EPA 619	6/18/10	NGOOD
27314-13-2	Norflurazon	10	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1114-71-2	Pebulate	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1610-18-0	Prometon	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
7287-19-6	Prometryn	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1114-71-2	Pronamide	.33	Not detected	ug/L	EPA 619	6/18/10	NGOOD
139-40-2	Propazine	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1014-70-6	Simetryn	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
34014-18-1	Tebuthiuron	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
41814-78-2	Tricyclazole	24	Not detected	ug/L	EPA 619	6/18/10	NGOOD
1929-77-7	Vernolate	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
53-19-0	DDD 2,4	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
72-54-8	DDD 4,4	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
3424-82-6	DDE 2,4	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
72-55-9	DDE 4,4	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
789-02-6	DDT 2,4	0.05	Not detected	ug/L	EPA 608	6/7/10	NGOOD
50-29-3	DDT 4,4	0.03	Not detected	ug/L	EPA 608	6/7/10	NGOOD
62-73-7	Dichlorvos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
60168-88-9	Fenarimol	12	Not detected	ug/L	EPA 619	6/18/10	NGOOD
59756-60-4	Fluridone	50	Not detected	ug/L	EPA 619	6/18/10	NGOOD
72-43-5	Methoxychlor 4,4	0.3	Not detected	ug/L	EPA 608	6/7/10	NGOOD
000950-35-6	Methyl Paraoxon	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
7786-34-7	Mevinphos	0.4	Not detected	ug/L	EPA 614	6/4/10	NGOOD
1918-16-7	Propachlor	0.54	Not detected	ug/L	EPA 608	6/7/10	NGOOD
5902-51-2	Terbacil	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
886-50- <b>0</b>	Terbutryn	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
961-11-5	Tetrachlovinphos	1.5	Not detected	ug/L	EPA 619	6/18/10	NGOOD
43121-43-3	Triadimefon	6	Not detected	ug/L	EPA 619	6/18/10	NGOOD
	Unidentifieds detected by GC/NPD		0	ug/L	EPA 619	6/18/10	NGOOD

North Carolina GROUNDWATER FIELD/LAB FORM Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION Location code NONCD0002110 Myers Bros. SAMPLE TYPE SAMPLE PRIORITY 106-0326 Water **⊠** Routine County Rousan Lab Number ☐ Emergency ☐ Soil Date Received Serial No. Other From:Bus. Courier Hand Del Rec'd By: M Chain of Custody Other: Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, Data Entry By: WSRO, Kinston FO, Eed. Trust, Central Off., Other:\_ Shipped by: Bus, Courier, Hand Del., Other:\_\_\_\_ Date Reported: Purpose: Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other:\_\_\_\_\_ Date 6/1/2010 Time 1115 Collector(s): DeCarb/ Alvalle Owner Bobby Road FIELD ANALYSES Location or Site 3140 Woodleaf Ve Spec. Cond.94 at 25°C pH 400 Description of sampling point spigot on well head Sampling Method Pump Sample Interval no resid. chloring detected Remarks purged 15 minute Field Analysis By: (Pumping time, air temp., etc.) LABORATORY ANALYSES Aa-Silver 46566 Diss. Solids 70300 mg/L ua/L Charida 051 mg/L mg/L /100ml /100ml mg/L NTU ma/L

COD High 340 COD Low 335 Coliform: MF Fecal 31616 Coliform: MF Total 31504 TOC 680 Turbidity 76 Residue, Total Suspended 530 pH 403 units Alkalinity to pH 4.5 410 mg/L Alkalinity to pH 8.3 415 mg/L Carbonate 445 mg/L Bicarbonate 440 mg/L Carbon dioxide 405 mg/L Chloride 940 mg/L Chromium: Hex 1032 ug/L Color: True 80 CU Cyanide 720 mg/L

	Fluoride 951	mg/L
	Hardness: Total 900	mg/L
	Hardness (non-carb) 902	mg/L .
	Phenois 32730	ug/l
	Specific Cond. 95	µMhos/cm
	Sulfate 945	mg/L
	Sulfide 745	mg/L
	Oil and Grease	mg/L
	NH3 as N 610	mg/L
	TKN as N 625	mg/L
	NO <sub>2</sub> + NO <sub>3</sub> as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO <sub>3</sub> as N) 620	mg/L
	Nitrite (NO <sub>2</sub> as N) 615	mg/L
_		
_		

	-9.0	
 Al-Aluminum 46557	ug/L	
As-Arsenic 46551	ug/L	ĺ
Ba-Barium 46558	ug/L	
 Ca-Calcium 46552	mg/L	
Cd-Cadmium 46559	ug/L	
Cr-Chromium 46559	ug/L_	
 Cu-Copper 46562	ug/L	Ì
Fe-Iron 46563	ug/L	]
Hg-Mercury 71900	ug/L	]
 K-Potassium 46555	mg/L	1
 Mg-Magnesium 46554	mg/L	]
Mn-Manganese 46565	ug/L	ļ
Na-Sodium 46556	mg/L	1
Ni-Nickel	ug/L	]
Pb-Lead 46564	ug/L	]
Se-Selenium	ug/L_	
 Zn-Zinc 46567	ug/L	
		]
		1
 <del></del>		•

$\times$	Organochlorine Pesticides		
$\times$	Organophosphorus Pesticides		
Х	Nitrogen Pesticides		
	Acid Herbicides		
	PCBs		
	Semivolatile Organics		
	TPH-Diesel Range		
[			
	Volatile Organics (VOA bottle)		
	TPH-Gasoline Range		
	TPH-BTEX Gasoline Range		
	USE ONLY		
Ten	perature on arrival (°C):	1,4	

Lab Comments

Quad No

Temp.<sub>10</sub>

Appearance

BOD 310

Incident No: NONCD0002110 - APS#87973 Incident Name: Myers Bros. Gin
Please Provide the Following Information (to the best of your knowledge)
Person completing the survey Name: Bret WATSON Telephone: 704-630-4988 E-mail: buatson 28 ocarolina, RR, Com. Address of property receiving survey:
City: SALIS BUTY, WCJ841/County: POWAN
What is the source of your drinking water? Public Water / Water Supply Well / Stream Intake / Other (please explain below)
Is there currently a water supply well on this property? Yes / No  If "No": What date was alternate source of water obtained? /// DQ  Name and address of owner(s) of property with water supply well
realite and address of owner(s) of property with water supply wen
How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),  You do not use the Well (Date when was it last used).  How many residences are connected to the well (list addresses below)?
How deep (feet) is the well(s)?  What is the casing depth (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?  Date well was installed?  What is the casing diameter (inches) of the well(s)?
Additional water supply well information:
When was the well(s) last tested (sampled)? Who conducted the testing (sampling)?
What test (sampling) was conducted?
Please return completed survey to <u>Donna DeCarlo</u> by <u>May 21, 2010</u> using one of the following methods:
1. Fax to: 704-663-6040 2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115
3. Telephone: 704-663-1699
4. E-mail to: donna.decarlo@ncdenr.gov
If you have any questions, please contact me at the <b>IHSB</b> Section Mooresville Regional Office at (704) 663 - 1699

# Water Supply Well Information Survey

Incident No: NONCD0002110 - APS#87973 Incident Name: Myers Bros. Gin
Please Provide the Following Information (to the best of your knowledge)
Person completing the survey  Name: DA/e Myels  Telephone: 704-633-5858  E-mail: we Luv base ball @ Carolina. rr. Com
Address of property receiving survey:
City: SAISBURG County: ROTE AN
What is the source of your drinking water? Public Water Water Supply Well! Stream Intake / Other (please explain below)
Is there currently a water supply well on this property? Yes! No  If "No": What date was alternate source of water obtained? Please disregard remaining questions and return survey
Name and address of owner(s) of property with water supply well DALE Myens  2319 ENDE Church Road
Salishuan NC 28147
How many water supply wells are on your property? 2 (16" 44ps old 1 2" well appley, 80 4ps old What is the well(s) used for? (check all that apply)
Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),
You do not use the Well(Date when was it last used).
How many residences are connected to the well (list addresses below)?
How deep (feet) is the well(s)? For the well(s)? Date well was installed? Applicy. 4485 A50  What is the casing depth (feet) of the well(s)?  What is the screen interval (feet) of the well(s)?
Additional water supply well information: o/d 2" well on property used only for whiteing graden, wash care, not used very often
When was the well(s) last tested (sampled)? Neveral  Who conducted the testing (sampling)?
What test (sampling) was conducted?  \( \mathcal{N} / A \)
Please return completed survey to using one of the following methods: (Or I can pick it up 56/1/2010)
1. Fax to: 704-663-6040
2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115
3. Telephone: 704-663-1699
4. E-mail to: donna.decarlo@ncdenr.gov
If you have any questions, please contact me at the IHSB Section Mooresville Regional Office at (704) 663 - 1699





Division of Waste Management Dexter R. Matthews

Director

Dee Freeman Secretary

May 26, 2010

Governor

Beverly Eaves Perdue

Roger Dale Myers 1810 Enon Church Road Salisbury, North Carolina 28147

Re: Water-Supply Well Information Survey & Sampling Request

1810 Enon Church Road

Salisbury, North Carolina 28145

Parcel ID: 329 385

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a "Water Supply Well Information Survey" and Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

Our file records and data from Rowan County and/or the City of Salisbury indicates that you are the owner or tenant of the parcel(s) at the above referenced location(s), which may not be connected to a municipal water source. The Branch has attached a "<u>Water Supply Well Information Survey</u>" form for you to complete and mail back to us in the attached prepaid self addressed envelope. The information provided in the attached "<u>Water Supply Well Information Survey</u>" form will allow the Branch to continue to evaluate and monitor groundwater in your area. This groundwater is your source of potable drinking water.

On Tuesday, June 1, 2010, the Branch is planning a <u>Water Supply Well Sampling Event</u> in your area. To have the Branch sample a water-supply well located at your property, you would not have to be present, and there would be no cost to you. The groundwater sample would be submitted for laboratory analyses, and the results would be sent to you.

If your property obtains drinking (potable) water from a public source such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at address below.

If you want your well sampled and will not be home June 1, we will need to know where we can collect the sample. The best location to collect the sample is at the well itself. If the well does not have a spigot at the well,

NorthCarolina
Naturally

#### Page 2 of 2

the sample can be collected from a yard spigot or hose bib on the foundation. Please indicate on the form where the well or outside spigot is on your property. Thank you for your assistance and cooperation with this project.

Sincerel

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supp

Water Supply Well Information Survey Form

Incident No: NONCD0002110 - APS#87973 Incident Name: Myers Bros. Gin									
Please Provide the Following Information (to the best of your knowledge)									
Person completing the survey  Name: Jun Summes  Telephone: 104-218-9459  E-mail: James Summers and Nachnet net									
E-mail: James, Summers WAC NACQUET Net  Address of property receiving survey: EXON PAINTIST CHURCH  1975 ENONCH. RD.  City: SAUSBURY County: POWAN									
What is the source of your drinking water? Rublic Water / Water Supply Well / Stream Intake / Other (please explain below)									
Is there currently a water supply well on this property? Yes No  If "No": What date was alternate source of water obtained? To Please disregard remaining questions and return survey									
Name and address of owner(s) of property with water supply well									
How many water supply wells are on your property?  What is the well(s) used for? (check all that apply)  Drinking, Irrigation, Swimming Pool, Water Livestock, Other (specify),  You do not use the Well (Date when was it last used).									
How many residences are connected to the well (list addresses below)?									
How deep (feet) is the well(s)?  Date well was installed?									
What is the casing depth (feet) of the well(s)?  What is the casing diameter (inches) of the well(s)?									
What is the screen interval (feet) of the well(s)?  Additional water supply well information:									
When was the well(s) last tested (sampled)?  Who conducted the testing (sampling)?									
What test (sampling) was conducted?									
Please return completed survey to <u>Donna DeCarlo</u> by <u>May 21, 2010</u> using one of the following methods:									
1. Fax to: 704-663-6040									
2. Mail to: Division Of Waste Management, 610 East Center Avenue, #301, Mooresville NC 28115									
3. Telephone: 704-663-1699 4. E-mail to: donna.decarlo@ncdenr.gov									
4. D-man to, domia, decarro@nedem.gov									
If you have any questions, please contact me at the IHSB Section Mooresville Regional Office at (704) 663 - 1699									





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

May 20, 2010

Governor

Beverly Eaves Perdue

Tom and Beverly Dillard PO Box 1808 Salisbury, North Carolina 28147

Re:

Water-Supply Well Information Survey & Sampling Request

2800 Woodleaf Road

Salisbury, North Carolina 28145-1808 Parcel IDs: 328 066 and 328 100

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a "Water Supply Well Information Survey" and Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

Our file records and data from Rowan County and/or the City of Salisbury indicates that you are the owner or tenant of the parcel(s) at the above referenced location(s), which may not be connected to a municipal water source. The Branch has attached a "Water Supply Well Information Survey" form for you to complete and mail back to us in the attached prepaid self addressed envelope. The information provided in the attached "Water Supply Well Information Survey" form will allow the Branch to continue to evaluate and monitor groundwater in your area. This groundwater is your source of potable drinking water.

On Tuesday, May 25, 2010, the Branch is planning a <u>Water Supply Well Sampling Event</u> in your area. To have the Branch sample a water-supply well located at your property, you would not have to be present, and there would be **no cost** to you. The groundwater sample would be submitted for laboratory analyses, and the results would be sent to you.

If your property obtains drinking (potable) water from a public source such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at address below.

If you want your well sampled and will not be home May 25, we will need to know where we can collect the sample. The best location to collect the sample is at the well itself. If the well does not have a spigot at the well,

North Carolina Naturally



Page 2 of 2

the sample can be collected from a yard spigot or hose bib on the foundation. Please indicate on the form where the well or outside spigot is on your property. Thank you for your assistance and cooperation with this project.

Sincerely,

Donna Marie DeCarlo

Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form

Coc

Temperature on arrival (°C):

North Carolina GROUNDWATER FIELD/LAB FORM Department of Environment and Natural Resources DIVISION OF WATER QUALITY-GROUNDWATER SECTION Location code NONCD COU 2110 SAMPLE TYPE 10/- 0310 SAMPLE PRIORITY Routine ₩ Water County Rowan Lab Number ☐ Soil Emergency Quad No\_\_\_\_ Serial No.\_\_\_ Date Received 5-26-10 Time: ☐ Other Long. Rec'd By: From: Bus, Courier, Hand Del., Other: Chain of Custody Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, Data Entry By: ' WSRO, Kinston FQ. Fed. Trust, Central Off., Other: Date Reported: Shipped by: Bus (Courier) Hand Del., Other: Purpose: Collector(s): D. DeCarlo / M. Alvo //e Date 5/25/2010 Time 1630 Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other:\_\_\_\_ FIELD ANALYSES Owner Read Location or Site 3140 Woodleaf Rd Salisburu Spec. Cond.94 at 25°C pH 400 ----°C Odor none Temp.<sub>10</sub> Description of sampling point spigot at well hear on edge of has held/woods Sampling Method nume Appearance clear colorloss Sample Interval Remarks purged 15 minutes Field Analysis By: D. DeCarlo LABORATORY ANALYSES (Pumping time, air temp., etc.) **BOD 310** mg/L Diss, Solids 70300 mg/L Ag-Silver 46566 Organochlorine Pesticides ug/L COD High 340 mg/L Fluoride 951 mg/L Al-Aluminum 46557 Organophosphorus Pesticides ug/L COD Low 335 mg/L Hardness: Total 900 mg/L As-Arsenic 46551 Nitrogen Pesticides ug/L Coliform: MF Fecal 31616 /100ml Hardness (non-carb) 902 Ba-Barlum 46558 mg/L ug/L Acid Herbicides Coliform: MF Total 31504 /100ml Phenois 32730 Ca-Calcium 46552 ug/t **PCBs** mg/L **TOC 680** Specific Cond. 95 Cd-Cadmium 46559 mq/L µMhos/cm ug/L NTU Cr-Chromium 46559 **Turbidity 76** Sulfate 945 mg/L ug/L Residue, Total Suspended 530 mg/L Sulfide 745 mg/L Cu-Copper 46562 ug/L Fe-Iron 46563 Semivolatile Organics ug/L Oil and Grease Hg-Mercury 71900 mg/L ug/L TPH-Diesel Range pH 403 units K-Potassium 46555 mg/L Alkalinity to pH 4.5 410 Mg-Magnesium 46554 mg/L mg/L Alkalinity to pH 8.3 415 Mn-Manganese 46565 mg/L Volatile Organics (VOA bottle) ug/L Carbonate 445 mg/L, NH<sub>3</sub> as N 610 mg/L Na-Sodium 46556 TPH-Gasoline Range mg/L Bicarbonate 440 mg/L TKN as N 625 mg/L Ni-Nickel TPH-BTEX Gasoline Range ug/L Carbon dioxide 405 mg/L NO2 + NO3 as N 630 mg/L Pb-Lead 46564 ug/L Chloride 940 P: Total as P 665 Se-Selenium mg/L mg/L ug/L Chromium: Hex 1032 ua/L Nitrate (NO<sub>3</sub> as N) 620 ma/L Zn-Zinc 46567 ug/L LAB USE ONLY Color: True 80 CU Nitrite (NO<sub>2</sub> as N) 615 mg/L

Cyanide 720

Lab Comments

mg/L

NC DWO Laboratory Section Results

Reed

County:

ROWAN

River Basin Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

WATER SUPPLY

Emergency Yes/No

COC Yes/No

YES



Sample ID:

PO Number # Date Received:

10G0310 05/26/2010 08:15

AB58843

Time Received: Labworks LoginID

SMATHIS

Report Generated: Date Reported:

JUN 1 5 2010

VisitID

Loc. Descr.: REED

					NODE	NID MOO ILICI	<del>-</del>
Location ID:	NONCD0002110	Collect Date:	05/25/2010	Collect Time:	16:30 CDE	Sample Depth 113	0

CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
LAB	Complete service of a service building		0.8	°C		5/26/10	SMATHIS
1/01	Sample temperature at receipt by lab		0.8		The Residence of the Section of the	0/20/10	
VOL	Valatila Ossanias is limitel		TITLE	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
75-71-8	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
	Dichlorodifluoromethane	1	Not detected		EPA5030/624/8260	5/26/10	ACHANDLER
74-87-3	Chloromethane	0.5	Not detected	ug/L	100		
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
74-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
67-66-3	Chloroform	0.25	0.21 N3	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	0.26	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
79-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
75-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER

Location ID:	NONCD0002110	Sample ID:	AB58843	Collect Date:	05/25/2010	Collect Time::	16:30
VOL		7					
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
5-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
8-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
5-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLE
9-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLE
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLE
1-20-3	Naphthalene	0.5	0.39 N3	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLE
7-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLE
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLE

### NC DWO Laboratory Section Results

WATSON

County:

ROWAN

River Basin

Report To

MROAP

Collector:

D DECARLO

Region:

Sample Matrix:

GROUNDWATER

Loc. Type:

WATER SUPPLY

YES

Emergency Yes/No

COC Yes/No

Sample ID: PO Number #

Date Received: Time Received:

Date Reported:

Labworks LoginID Report Generated:

**SMATHIS** 6/10/10 06/10/2010

AB58844

05/26/2010

10G0311

08:15

Loc. Descr.: WATSON

VisitID

Locatio	n ID: NONCD0002110	Collect Da	te: 05/25/2010	Collect Time:	16:36	Sample Depth	A 11 10F
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
AB	Sample temperature at receipt by lab		0.8	°C		5/26/10	SMATHIS
OL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	2	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-87-3	Chloromethane	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-01-4	Vinyl Chloride	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
1-83-9	Bromomethane	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-00-3	Chloroethane	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-69-4	Trichlorofluoromethane	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-09-2	Methylene Chloride	20	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
34-04-4	Methyl Tert-Butyl Ether	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-97-5	Bromochloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
7-66-3	Chloroform	0.5	0.58 P1	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
1-43-2	Benzene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
1-95-3	Dibromomethane	2	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
9-01-6	Trichloroethene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-27-4	Bromodichloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
08-88-3	Toluene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
42-28-9	1,3-Dichloropropane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE

I nantina ID	NONCDO000440		DWQ Laboratory Secti AB58844	Collect Date:	05/25/2010	Collect Time::	16:36
VOL	NONCD0002110	Sample ID:	AB58844	Collect Date.	05/25/2010	Collect Time	10.30
CAS#	Analyte Name	<u>PQL</u>	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
24-48-1	Dibromochloromethane	0.5	Not detected	ug/L	EPA5030/624/826		ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
127-18-4	Tetrachloroethene	0.5	11 P1	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
08-90-7	Chlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
00-41-4	Ethylbenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
5-25-2	Bromoform	2	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
08-38-3	m,p-Xylene	1	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
100-42-5	Styrene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
95-47-6	o-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
8-82-8	Isopropylbenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
108-86-1	Bromobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
103-65-1	n-Propylbenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
98-06-6	tert-Butylbenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
35-98-8	sec-Butylbenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
641-73-1	m-Dichlorobenzene (1,3)	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
9-87-6	p-Isopropyltoluene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
04-51-8	n-Butylbenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
6-12-8	1,2-Dibromo-3-Chloropropane	4	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
20-82-1	1,2,4-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
1-20-3	Naphthalene	1	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
37-68-3	Hexachlorobutadiene	1	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
37-61-6	1,2,3-Trichlorobenzene	2	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER

Sample Comments

VOL: P1 - (5/26/10)DIL x2

GROUNDWATER FIELD/LAB FORM								North Carolina  Department of Environment and Natural Resources  DIVISION OF WATER QUALITY-GROUNDWATER SECTION			
Location code NONCO CC	002110			SAMPLE TY	PE	SAN	MPLE PRIORITY	3			1.1
County Rowan				☑ Water			Routine		\ Lab	Num	-0311 HBS8844
				☐ Soil			Emergency	16	Dat	e Rec	eived 5-26-10 Time: 0815
Quad No Seria Lat Long	1110			☐ Other					/ Red	'd Rv	From Bus Courier Hand De
Lat Long	•			114	ain of Custody				Oth	er:	From:Bus, Courier, Hand De
Report To: ARO, FRO, MRO RF	RO, WaRO,	WiR	Ю,		<del>= = = ======</del>			<u> </u>	Dat	a Enti	y By: Ck:
WSRO Kinston FO Fed Trust	Central Off	Oth	ner:						Dat	e Ren	orted:
Shipped by: Bus Couner, Hand	Del., Other:				Purpose	<b>)</b> :		~			
Collector(s): D. Decar W			Date_ <i>5/</i>	25/2010 Tin	ne <u> 1636                                   </u>	Bas	eline, Complain	t,/Compliance, <sub>/</sub>	LUST, P	esticio	de Study, Federal Trust, Other:
FIELD ANALYSES			1		Owner Wat	300	7	17-6-61			<u></u>
PH 400 Temp.10 °C	Spec. Cor	ld. 94		at 25°C	Location or §	site_	3150 WOO	LIEGA RA	1 10 -	1	odas of he Dall levanta
1 emp. <sub>10</sub>	Odor <u>ko</u>	γQ_			Description o	or san	tibiling bolur <u>ab</u>	igot at wel	LICOL	d cy	sample interval
Appearance clear, colorle S Field Analysis By: D. DeCarl	>				Remarks	1100 1100	pump ed 17 minut	Pump, bailer	, etc.)		Odmpie interval
LABORATORY ANALYSES						11.0	-44_1.7_1(111ML)		(Pumping	time, ai	r temp., etc.)
BOD 310	mg/L		Diss. Solid	is 70300	mg/L		Ag-Silver 46566		ug/L		Organochlorine Pesticides
COD High 340	mg/L		Fluoride 9	51	mg/L		Al-Aluminum 465	57	ug/L		Organophosphorus Pesticides
COD Low 335	mg/L		Hardness:	Total 900	mg/L		As-Arsenic 46551 ug/L		ug/L		Nitrogen Pesticides
Coliform; MF Fecal 31616	/100ml		Hardness	(non-carb) 902	mg/L		Ba-Barium 46558		ug/L		Acid Herbicides
Coliform: MF Total 31504	/100ml		Phenols 3	2730	ug/l		Ca-Calcium 4655	2	mg/L		PCBs
TOC 680	mg/L		Specific C	ond. 95	µMhos/cm		Cd-Cadmium 465	59	ug/L		
Turbidity 76	NTU		Sulfate 94	5	mg/L		Cr-Chromium 465	559	ug/L		
Residue, Total Suspended 530	mg/L		Sulfide 74	5	mg/L		Cu-Copper 46562	2	ug/L		
<u> </u>							Fe-Iron 46563		ug/L		Semivolatile Organics
			Oil and Gr	rease	mg/L		Hg-Mercury 7190	0	ug/L		TPH-Diesel Range
pH 403	units	$\Gamma$					K-Potassium 465	55	mg/L		
Alkalinity to pH 4.5 410	mg/L		I				Mg-Magnesium 4	6554	mg/L_		
Alkalinity to pH 8.3 415	mg/L						Mn-Manganese 4	6565	ug/L	$\geq \leq$	Volatile Organics (VOA bottle)
Carbonate 445	mg/L		NH <sub>3</sub> as N	610	mg/L		Na-Sodium 4655	6	mg/L	L	TPH-Gasoline Range
Bicarbonate 440	mg/L		TKN as N	625	mg/L		Ni-Nickel		ug/L		TPH-BTEX Gasoline Range
Carbon dioxide 405	mg/L		NO <sub>2</sub> + NO	3 as N 630	mg/L		Pb-Lead 46564		ug/L		
Chloride 940	mg/L		P: Total a	s P 665	mg/L		Se-Selenium		ug/L		
Chromium: Hex 1032	ug/L		Nitrate (N	O <sub>3</sub> as N) 620	mg/L		Zn-Zinc 46567		ug/L	<u></u>	
Color: True 80	CU		Nitrite (NC	O₂ as N) 615	mg/L	1  _					DSE ONLY operature on arrival (°C):
Cyanide 720	mg/L					] [_				ren	iperature on arrival (*C).
Lab Comments											

Dillard - 2800 Woodleaf

NC DWO Laboratory Section Results

County: River Basin ROWAN

Report To

MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix: Loc. Type: GROUNDWATER
WATER SUPPLY

Emergency Yes/No

COC Yes/No

YES

VisitID

Sample ID:
PO Number #
Date Received:
Time Received:
Labworks LoginID
Report Generated:
Date Reported:

AB58842 10G0309 05/26/2010 08:15 SMATHIS 6/3/10

6/03/2010

Location ID:	NONCD0002110	Collect	t Date: 05/25/2	010 Collect	Time: 15:45	Sample Depth	

Loc. Descr.: DILLARD

CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	<u>Method</u> <u>Reference</u>	<u>Analysis</u> <u>Date</u>	Validated by
LAD	Sample temperature at receipt by lab		0.8	°C		5/26/10	SMATHIS
/OL				ALEX CALL			
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	5/26/10	ACHANDLEF
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
7-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
1-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE

[		NC I	DWQ Laboratory Sec	tion Results	<u></u>		
Location ID:	NONCD0002110	Sample ID:	AB58842	Collect Date:	05/25/2010	Collect Time::	15:45
VOL							
CAS#	Analyte Name	<u>PQL</u>	<u>Result/</u> Qualifier	<u>Units</u>	<u>Method</u> Reference	<u>Analysis</u> Date	Validated by
124-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/826		ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
108-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/826		ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
87-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
B <b>7-</b> 61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLER

COC

# GROUNDWATER FIELD/LAB FORM

North Carolina

Department of Environment and Natural Resources
DIVISION OF WATER QUALITY-GROUNDWATER SECTION

Location code NONCD GOC 2110	SAMPLE TYPE	SAMPLE PRIORITY		0(5	0309 ABS8842
County Rowan	☑ Water	⊠ Routine	Lab	Numb	er(N) 300 10
Quad No Serial No	☐ Soil	☐ Emergency	$(3)_{\text{Date}}$	Rece	ived 5-26-10 Time: 0815
_atLong	☐ Other		Rec	'd By:	From:Bus, Courier, Hand Del.,
2019	☑ Chain of Custody		Oth	er:	HPM
Report To: ARO, FRO, MRO, RRO, WaRO, WIRO,		ليدخي جيد	Data	a Entry	/ By: Ck:
WSRO, Kinston FO, Fed. Trust, Central Off., Other:			Date	e Repo	orted:
	Durana				
Shipped by: Bus Couner) Hand Del., Other.  Collector(s): Decorby W. Alvalle Date 5/	25/20/0 Time 15 4 5	Baseline, Complaint,	, Compliance, LUST, Po	esticide	e Study, Federal Trust, Other:
FIELD ANALYSES '	Owner Di	llaro	L. U. A. I. Salicia	4	
Spec. Cond.94 Temp.10°C Odor_none Appearanceclear_colorless Field Analysis By: D. Decarlo	at 25°C Location or S	site <u>1800 (000)</u>	se bib on Kenna	13/	11/21/08
Temp. <sub>10</sub> °C Odor none	Description of	of sampling point <u>no</u>	<u> </u>	ιν	Sample Interval
Appearance <u>clear, color (253</u>	Remarks $\pi$	ourse of 15 minu	Les (Pump, bailer, etc.)		
LABORATORY ANALYSES		717 G	(Pumping	time, air t	temp., etc.)
BOD 310 mg/L Diss. Solid	is 70300 mg/L	Ag-Silver 46566	ug/L		Organochlorine Pesticides
COD High 340 mg/L Fluoride 9	51 mg/L	Al-Aluminum 4655	7 ug/L_		Organophosphorus Pesticides
COD Low 335 mg/L Hardness:	Total 900 mg/L	As-Arsenic 46551	ug/L		Nitrogen Pesticides
Coliform: MF Fecal 31616 /100ml Hardness	(non-carb) 902 mg/L	Ba-Barium 46558	ug/L_		Acid Herbicides
Coliform: MF Total 31504 /100ml Phenois 3:	2730 ug/l	Ca-Calcium 46552	mg/L		PCBs
TOC 680 mg/L Specific C	ond. 95 µMhos/cm	Cd-Cadmium 4655	59 ug/L		
Turbidity 76 NTU Sulfate 94	5 mg/L	Cr-Chromium 465	59 ug/L_		
Residue, Total Suspended 530 mg/L Sulfide 74	5 mg/L	Cu-Copper 46562	ug/L		
		Fe-Iron 46563	ug/L_		Semivolatile Organics
Oil and Gr	rease mg/L	Hg-Mercury 71900	ug/L		TPH-Diesel Range
pH 403 units		K-Potassium 4655			
Alkalinity to pH 4.5 410 mg/L		Mg-Magnesium 46			
Alkalinity to pH 8.3 415 mg/L	· · · · · · · · · · · · · · · · · · ·	Mn-Manganese 46		X	Volatile Organics (VOA bottle)
Carbonate 445 mg/L NH <sub>3</sub> as N		Na-Sodium 46556	mg/L_	<del></del>	TPH-Gasoline Range
Bicarbonate 440 mg/L TKN as N	625 mg/L	Ni-Nickel Ni-Nickel	ug/L	-	TPH-BTEX Gasoline Range
	3 as N 630 mg/L	Pb-Lead 46564	ug/L_		
Chloride 940 mg/L P: Total a	s P 665 mg/L	Se-Selenium	ug/L		
	O <sub>3</sub> as N) 620 mg/L	Zn-Zinc 46567	ug/L_		USE ONLY
Color: True 80 CU Nitrite (NC	O <sub>2</sub> as N) 615 mg/L	<b>                                     </b>		LAB	USE ONLY perature on arrival (°C): 0 \$
Cyanide 720 mg/L		] [	<u>.</u>		5012131 511 211 11 11 1 1 1 1 1 1 1 1 1 1 1 1
Lab Comments					

## GROUNDWATER SECTION

Page 2 of 2

### CHAIN OF CUSTODY (COC) RECORD

NC DENR/DWQ LABORATORY (check one):

[図] CENTRAL

[ ] ARO

[ ] WaRO

For Investigati	ion of: woodle	east Rd					Incident	No. NONCT	0002110
	or (print name) ms completed by:			いい ector's signature	- ly	De Meel	lo		
Field storage co	onditions and loca	tion (when appli	icable)				- 9		
Lab Use Only		OWER NO		I o G I TYON			DATE	TIME	NUMBER OF
LAB NO.	SAMPLE ID	QUAD. NO.		270 Vic	town	a St	SAMPLED	SAMPLED	CONTAINERS
AB62264	5			260 Vict			8/17/2010	1233	4
AB62265							8/17/2010	1249	<u> </u>
Ablezzido	6			225 Via			8/17/2010	1317	4
AB62267	7			325 Vic			8/17/2010	1410	4
Apress 198	le 2768 8			1725 W	est 1	2idge St.	8/17/2010	1512	4
				DOC					
		1							
Relinquished b	re I / Wel	16		8/17/2010 1	Time 700	Received by (signatu		Date	
Relinquished b	y (signature):			Date	Γime	Received by (signati	ıre):	Date	Time
Relinquished b	y (signature):			Date	Time	Received by (signatu	ıre):	Date	Time
Method of Ship	oment (check one)	: State Courier	Х н	and-delivered	Fee	leral Express U	PS Other:		
Security Type	and Conditions:	Sealed by:	Del	Dew		Broken by:	rline S.S	auf X	
	ATORY CHAIN	NUMBER		Lab Use Only NALYSES	DE	LINQUISHED	RECEIVED	DATE	TIME
FROM	THROUGH	BOTTLES	RI	EQUESTED	BY	:	BY:	DATE	THVIL
ABUZZLOH .	16 62268	20		10A	1916	orbred, Smyt	#	8.18.10	1000
							<i>V</i>		
	-				+				
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					,		REC	EIVE	
							AUG	1 9 2010	
							NCDEN	R MRO IH	SB
							1		

Kluttz . 3045 Woodleaf

## NC DWO Laboratory Section Results

County:

ROWAN

River Basin

Report To MROAP

Collector:

D DECARLO

Region:

MRO

Sample Matrix:

GROUNDWATER

Loc. Type:

WATER SUPPLY

YES

Emergency Yes/No

COC Yes/No

VisitID

Loc. Descr.: KLUTZ

DWO P



Sample ID: PO Number # Date Received:

10G0308 05/26/2010 08:15

AB58841

Time Received: Labworks LoginID

SMATHIS

Report Generated: 6(10/10 Date Reported C 06/10/2010

JUN 1 5 2010

Location	n ID: NONCD0002110	Collect D	ate: 05/25/2010	Collect Time:	13:NCDEN	Sample Dept	HSB
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	Validated by
.AB	Sample temperature at receipt by lab		0.8	°C		5/26/10	SMATHIS
/OL							
	Volatile Organics in liquid		_TITLE_	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-87-3	Chloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-83-9	Bromomethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
56-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
634-04-4	Methyl Tert-Butyl Ether	0.25	4.0	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
56-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
7-66-3	Chloroform	0.25	0.38 N2	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
94-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
07-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
1-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
63-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
6-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
1-43-2	Benzene	0.25	0.77	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
4-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
8-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
9-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDL
5-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDL
0061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
0061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
9-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDL
08-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDL
42-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE

Location ID:	NONCD0002110	Sample ID:	AB58841	Collect Date:	05/25/2010	Collect Time::	13:17
VOL	NONEDU02110	Cample 15.	AD00041				
CAS#	Analyte Name	PQL	Result/ Qualifier	<u>Units</u>	Method Reference	Analysis Date	validated b
24-48-1	Dibromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
06-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLEF
27-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8260		ACHANDLER
08-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
00-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
08-38-3	m,p-Xylene	0.5	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
00-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
9-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLER
30-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-47-6	o-Xylene	0.25	0.30	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
6-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
8-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
08-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
03-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
06-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
08-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
8-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-63-6	1,2,4-Trimethylbenzene	0.25	0.13 N3	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
35-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
41-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
06-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/8260	5/26/10	ACHANDLE
5-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
9-87-6	p-IsopropyItoluene	0.25	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
04-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
6-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
20-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
1-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
37-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE
37-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/826	0 5/26/10	ACHANDLE
	Diisopropyl ether		0.65 N1	ug/L	EPA5030/624/8260	0 5/26/10	ACHANDLE

Sample Comments

VOL: N2 - Compound is present, but unable to acheive a good quality mat

COC

# GROUNDWATER FIELD/LAB FORM

North Carolina

Department of Environment and Natural Resources

DIVISION OF WATER QUALITY-GROUNDWATER SECTION

Locat	Ion code NON CT	0002110		SAMPLE TYP	Ę.	ŞAN	PLE PRIORITY			Inc-	0308	No ca	CII I
Count	y Rowan			🛭 🔀 Water		K	Routine		La	b Nun	nber	AB58	178
	No	Serial No		☐ Soil			Emergency	1 2	Da	te Re	ceived 5 d	5-10_Time	: <u>0815</u>
Lat		Long		U Other					Re	c'd By	" HPM	From:Bus, Q	ourier Hand Del.,
	_	ν,		III ⊠ Chair	n of Custody								
	t To: ARO, FRO, MR					_		]]	Da	ita En	try By: <u>'</u>	(	Ck:
WSRC	D, Kinston EO <del>, Fed</del> T	rust, Central Off.	Other:	· 					Da	ate Re	ported:		
Shippe	ed by: Bus Courier,	land Del., Other:			Purpose	:_		<b>`</b>					
Collec	tor(s): DeCarlo	<u> </u>	'	Date <u>5/25/2010</u> Time	e <u>i317</u>	Base	eline, Complaint	,/Complia	nce, LUST, I	Pestic	ide Study, Fed	deral Trust, Oth	ner:
												· · · · · · · · · · · · · · · · · · ·	
pH_400		Spec. Cor	d. <sub>94</sub>	at 25°C	Location or S	ite	3045 Wee	<u>aleat</u>	Kd Val	1500	<u>wy</u>		<del></del>
Appea	10		2016		Sampling Me	i Saii thod	inpling point sp	igor a	15 min	1400	Samr	ole Interval	
Field A	Analysis By: D. De	Carla			Remarks 10	Hine.	ed 15 min	Pum	o, bailer, etc.)	<u> </u>	Ouring	ole litter val	
LABC	RATORY ANALYS	SES			1	- <del>'</del> 5		<del>~-5</del> _	(Pumpi	ng time, a	air temp., etc.)		
	30D 310	mg/L		Diss. Solids 70300	mg/L		Ag-Silver 46566		ug/L	1 [	Organochlorine	Pesticides	
	COD High 340	mg/L	F	-luoride 951	mg/L		Al-Aluminum 4655	57	ug/L	1	Organophospho		
	COD Low 335	mg/L		-lardness: Total 900	mg/L		As-Arsenic 46551		ug/L	1	Nitrogen Pestici		
1	Coliform: MF Fecal 31616	/100ml		Hardness (non-carb) 902	mg/L	$\vdash$	Ba-Barium 46558		ug/L	1	Acid Herbicides		
	Coliform: MF Total 31504	/100ml	<del> </del>	Phenols 32730	ug/l		Ca-Calcium 46552	2	mg/L	┧├──	PCBs		
<del>     </del>	TOC 680	mg/L		Specific Cond. 95	uMhos/cm		Cd-Cadmium 465	59	ug/L	1		·	
1	Furbidity 76	NTU		Sulfate 945	mg/L		Cr-Chromium 465	59	ug/L	┧├─			
	Residue, Total Suspended 5	530 mg/L		Sulfide 745	mg/L		Cu-Copper 46562		ug/L	1   _	1		
				<u> </u>			Fe-Iron 46563		ug/L	1	Semivolatile Org	nanics	
				Oil and Grease	mg/L		Hg-Mercury 71900	)	ug/L	1	TPH-Diesel Ran		
	oH 403	units					K-Potassium 4655	55	mg/L	1 🗀	***************************************	.50	
	Alkalinity to pH 4.5 410	mg/L					Mg-Magnesium 46	5554	mg/L	1	1		
	Alkalinity to pH 8.3 415	mg/L					Mn-Manganese 46	5565	ug/L		Volatile Organic	s (VOA bottle)	
	Carbonate 445	mg/L		NH <sub>3</sub> as N 610	mg/L	$\vdash$	Na-Sodium 46556		mg/L		TPH-Gasoline F		
	Bicarbonate 440	mg/L		TKN as N 625	mg/L		Ni-Nickel		ug/L	1 (	TPH-BTEX Gas		
	Carbon dioxide 405	mg/L		NO <sub>2</sub> + NO <sub>3</sub> as N 630	mg/L		Pb-Lead 46564		ug/L	1			
	Chloride 940	mg/L	F	P: Total as P 665	mg/L		Se-Selenium		ug/L	11			
	Chromium: Hex 1032	ug/L	I	Nitrate (NO <sub>3</sub> as N) 620	mg/L		Zn-Zinc 46567		ug/L	1			
	Color: True 80	CU		Nitrite (NO <sub>2</sub> as N) 615	mg/L						S USE ONLY		200
	Cyanide 720	mg/L					T			]  Ter	nperature on an	rival (°C):	گه (
Lab (	Comments												
	<del></del>												

# Report to: M20

## GROUNDWATER SECTION

### CHAIN OF CUSTODY (COC) RECORD

	n of: Myers	Bros. G	in			,	Incident	No. N	ONC	DO	00211
Sample collector and GW-54 form	(print name) as completed by:	Donna ?	De Ca	v 6 tor's signat	ure:	Devel Mea	Olla				
Field storage cor	nditions and locat	tion (when appli	icable):								
Lab Use Only							DATE SAMPLED	TIME SAMPI	FD		MBER OF FAINER
LAB NO.	SAMPLE ID	QUAD. NO.		Toin Blo		ame as for a pot # 25	4/19/2010	140	_	3	
58840	7					leaf (Klutz)	-	131		4	
58841	2					eaf-kennel	5/25/20/0	154		4	
58842	3					eaf (Reed)		163		4	
58843	4						5/25/2010			4	
58844	5			3150 (	Wood	eaf (Watson)	5/25/2010	163	36		
				25	`						
				1 de	R						
0.11	(Antura):			Date	Time	Received by (signature	<u> </u> e):		Date		Time
Relinquished by	Vilee /	Iller		5/25/200	1330	2 P World	in		5-26 Date	0-10	O8 Time
Relinquished by	(signature):			Date	Time	Received by (signature	e):		Date		
Relinquished by	(signature):			Date	Time	Received by (signature	e):	74	Date		Time
Method of Shiph	nent (check one):	State Courier	<b>✓</b> Har	nd-delivered	d□ Fed	deral Express UPS	Other:		3/		
		State Courier Sealed by:	Har	nd-delivered	d□ Fea	Broken/by:			5.4		
Security Type an			₹ Har	nd-delivered		Broken/by:	lorean		H C)c	n e te	SC(A)
Security Type an	ad Conditions:	Sealed by: OF CUSTODY	Y - L:	ab Use Onl	y N	Brokenby: HPM ote: Cooler did	longum- Lave Coc tag	e wit	K SIS	nete	TIME
Security Type an  NTRALABORA  LAB NUM	at Conditions:	OF CUSTODY NUMBER	Y - La		y N	Broken/by: HPM ote: Cooler did LINQUISHED	lorean	e wit	K SIS	neto	TIME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	Sealed by: OF CUSTODY	Y - La	ab Use Onl ALYSES QUESTED	y N	Broken/by: HPM ote: Cooler did LINQUISHED	LOCAL TAY RECEIVED	D	ATE	Т	IME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	OF CUSTODY NUMBER BOTTLES	Y - L: AN REC	ab Use Onl ALYSES QUESTED	y N	Broken by:  A P M  Ote: Cooler did  LINQUISHED  :	LAVE COC TAY RECEIVED BY:	D	ATE	Т	IME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	OF CUSTODY NUMBER BOTTLES	Y - L: AN REC	ab Use Onl ALYSES QUESTED	y N RE BY	Brokenby:  H P M  ote: Cooler did  LINQUISHED:	LAVE COC TAY RECEIVED BY:	D	ATE	Т	IME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	OF CUSTODY NUMBER BOTTLES	Y - L: AN REC	ab Use Onl ALYSES QUESTED	y N RE BY	Broken by:  A P M  Ote: Cooler did  LINQUISHED  :	LAVE COC TAY RECEIVED BY:	D	ATE	Т	IME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	OF CUSTODY NUMBER BOTTLES	Y - L: AN REC	ab Use Onl ALYSES QUESTED	y N RE BY	Broken by:  A P M  Ote: Cooler did  LINQUISHED:  HUOZAN	LAVE COC TAY RECEIVED BY:	D	ATE	Т	IME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	OF CUSTODY NUMBER BOTTLES	Y - L: AN REC	ab Use Onl ALYSES QUESTED	y N RE BY	Brokenby:  H P M  ote: Cooler did  LINQUISHED:	LAVE COC TAY RECEIVED BY:	D	ATE	Т	IME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	OF CUSTODY NUMBER BOTTLES	Y - L: AN REC	ab Use Onl ALYSES QUESTED  MA	y Ne By	Broken by:  H P M  Ote: Cooler did  LINQUISHED:  H Morgan  2010	LAVE COC TAY RECEIVED BY:	D	ATE	Т	IME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	OF CUSTODY NUMBER BOTTLES	Y - L: AN REC	ALYSES QUESTED	Y 28	Broken by:  H P M  Ote: Cooler did  LINQUISHED:  H Morgan  2010	LAVE COC TAY RECEIVED BY:	D	ATE	Т	IME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	OF CUSTODY NUMBER BOTTLES	Y - L: AN REC	ALYSES QUESTED	Y 28	Broken by:  A P M  Ote: Cooler did  LINQUISHED:  MEO  MEO	LAVE COC TAY RECEIVED BY:	D	ATE	Т	IME
Security Type an  NTRALABORA  LAB NUM  FROM	ATORY CHAIN MBERS THROUGH	OF CUSTODY NUMBER BOTTLES	Y - L: AN REC	ALYSES QUESTED	Y 28	Broken by:  A P M  Ote: Cooler did  LINQUISHED:  MEO  MEO	LAVE COC TAY RECEIVED BY:	D	ATE	Т	IME





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

May 19, 2010

Governor

Beverly Eaves Perdue

Mr. Carlton Myers 2725 Woodleaf Road Salisbury, North Carolina 28147

Re: Water-Supply Well Information Survey & Sampling Request

Woodleaf Road

Salisbury, North Carolina 28147

Parcel IDs: 328 053, 328 064, 328 118, 328 028, 328 B 037

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a "Water Supply Well Information Survey" and Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

Our file records and data from Rowan County and/or the City of Salisbury indicates that you are the owner or tenant of the parcel(s) at the above referenced location(s), which may not be connected to a municipal water source. The Branch has attached a "Water Supply Well Information Survey" form for you to complete and mail back to us in the attached prepaid self addressed envelope. The information provided in the attached "Water Supply Well Information Survey" form will allow the Branch to continue to evaluate and monitor groundwater in your area. This groundwater is your source of potable drinking water.

On **Tuesday, May 25, 2010,** the Branch is planning a <u>Water Supply Well Sampling Event</u> in your area. To have the Branch sample a water-supply well located at your property, you would not have to be present, and there would be **no cost** to you. The groundwater sample would be submitted for laboratory analyses, and the results would be sent to you.

If your property obtains drinking (potable) water from a public source such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at address below.

If you want your well sampled and will not be home May 25, we will need to know where we can collect the sample. The best location to collect the sample is at the well itself. If the well does not have a spigot at the well,

North Carolina
Naturally

#### Page 2 of 2

the sample can be collected from a yard spigot or hose bib on the foundation. Please indicate on the form where the well or outside spigot is on your property. Thank you for your assistance and cooperation with this project.

Sincerely,

Donna Marie DeCarlo
Hydrogeologist
Department of Environment and Natural Resources
Division of Waste Management
Superfund Section - Inactive Hazardous Sites Branch
donna.decarlo@ncdenr.gov

Enclosures:

Water Supply Well Information Survey Form





Division of Waste Management
Dexter R. Matthews

Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor

May 19, 2010

Mr. Bobby Reed 3140 Woodleaf Road Salisbury, North Carolina 28147

Re:

Water-Supply Well Information Survey & Sampling Request

3140 Woodleaf Road

Salisbury, North Carolina 28147

Parcel ID: 328 B 034

Dear Property Owner Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a "Water Supply Well Information Survey" and Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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On Tuesday, May 25, 2010, the Branch is planning a <u>Water Supply Well Sampling Event</u> in your area. To have the Branch sample a water-supply well located at your property, you would not have to be present, and there would be **no cost** to you. The groundwater sample would be submitted for laboratory analyses, and the results would be sent to you.

If your property obtains drinking (potable) water from a public source such as a rural water district or city water company, if your property does not have a water-supply well or had a well that has been properly abandoned, or you do not wish to have your water-supply well sampled, please contact me as soon as possible at (704) 663-1699. You can also email me at address below.

If you want your well sampled and will not be home May 25, we will need to know where we can collect the sample. The best location to collect the sample is at the well itself. If the well does not have a spigot at the well,



#### Page 2 of 2

the sample can be collected from a yard spigot or hose bib on the foundation. Please indicate on the form where the well or outside spigot is on your property. Thank you for your assistance and cooperation with this project.

Sincerely,

Donna Marie DeCarlo
Hydrogeologist
Department of Environment and Natural Resources
Division of Waste Management
Superfund Section - Inactive Hazardous Sites Branch
donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Division of Waste Management
Dexter R. Matthews

Director

Dee Freeman Secretary

May 19, 2010

Governor

Beverly Eaves Perdue

Mr. Bobby Kluttz 3045 Woodleaf Road Salisbury, North Carolina 28147

Re:

Water-Supply Well Information Survey & Sampling Request

3045 Woodleaf Road

Salisbury, North Carolina 28147

Parcel ID: 329 036

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a "Water Supply Well Information Survey" and Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

Our file records and data from Rowan County and/or the City of Salisbury indicates that you are the owner or tenant of the parcel(s) at the above referenced location(s), which may not be connected to a municipal water source. The Branch has attached a "Water Supply Well Information Survey" form for you to complete and mail back to us in the attached prepaid self addressed envelope. The information provided in the attached "Water Supply Well Information Survey" form will allow the Branch to continue to evaluate and monitor groundwater in your area. This groundwater is your source of potable drinking water.

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FILE

Page 2 of 2

collected from a yard spigot or hose bib on the house foundation. Please indicate on the form where the well or outside spigot is on your property. Thank you for your assistance and cooperation with this project.

Sincerely,

Donna Marie DeCarlo
Hydrogeologist
Department of Environment and Natural Resources
Division of Waste Management
Superfund Section - Inactive Hazardous Sites Branch
donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

Governor

Beverly Eaves Perdue

May 19, 2010

Brett and Susan Watson 3150 Woodleaf Road Salisbury, North Carolina 28147

Re:

Water-Supply Well Information Survey & Sampling Request

3150 Woodleaf Road

Salisbury, North Carolina 28147

Parcel ID: 328 B 112

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a "Water Supply Well Information Survey" and Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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Sincerely,

Donna Marie DeCarlo
Hydrogeologist
Department of Environment and Natural Resources
Division of Waste Management
Superfund Section - Inactive Hazardous Sites Branch
donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form





Division of Waste Management

Beverly Eaves Perdue Governor Dexter R. Matthews
Director

Dee Freeman Secretary

May 19, 2010

Enon Baptist Church 1875 Enon Church Road Salisbury, North Carolina 28147

Re:

Water-Supply Well Information Survey & Sampling Request

3150 Woodleaf Road

Salisbury, North Carolina 28147

Parcel IDs: 329 B 032 and 329 381

Dear Property Owner /Tenant:

The Division of Waste Management, through its Superfund Section's Inactive Hazardous Sites Branch ("Branch") is conducting a "Water Supply Well Information Survey" and Water Supply Well Sampling Event in your area. These are being conducted to verify the current status and use of potable water supply wells in the vicinity of Sites listed in the Branch's inventory.

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North Carolina Naturally

#### Page 2 of 2

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Donna Marie DeCarlo
Hydrogeologist
Department of Environment and Natural Resources
Division of Waste Management
Superfund Section - Inactive Hazardous Sites Branch
donna.decarlo@ncdenr.gov

Enclosures: Water Supply Well Information Survey Form

#### **MEMORANDUM**

Date:

May 19, 2011

TO:

Donna DeCarlo, Hydrogeologist

Superfund Section, IHSB

Inactive Hazardous Sites Branch

**Superfund Section** 

FROM:

Hanna Assefa, Industrial Hygienist

Inactive Hazardous Sites Branch

Superfund Section

RE:

Health Risk Evaluation 3140 Woodleaf Road Salisbury, Rowan County

A water sample was collected from the water supply well at the subject address on April 18, 2011. Carbon tetrachloride was detected at a concentration that did not exceed its applicable standard. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other residential purposes listed above. The table below compares the detected contaminant concentrations with the applicable standards:

Sample #	Chemical	04/18/2011 Concentrations ug/l	USEPA MCL ug/l	Calculated Health-based Concentration ug/l
1040414-09	Carbon tetrachloride	0.59	5	*

ug/l = Micrograms of contaminant per liter of water.

\*Not applicable





Division of Waste Management
Dexter R. Matthews
Director

Dee Freeman Secretary

Beverly Eaves Perdue Governor January 25, 2010

Bret and Susan Watson 4150 Woodleaf Road Salisbury, NC 28081

Re: APPLICATION FOR BERNARD ALLEN EMERGENGY DRINKING WATER FUND

Woodleaf & Ridge PCE Salisbury, Rowan County IHSB # Pending

Dear Mr. and Mrs. Watson:

On September 15, 2010, I spoke with you to discuss options for providing an alternative water supply to your residence. Samples collected from your water supply well on May 26, 2010 and June 21, 2010 were found to exceed the federal drinking water standard for tetrachloroehtene (PCE). I called to follow up with you on November 1, 2010 because I had not received your completed application. You indicated that you had not sent the application back because you did not meet the Bernard Allen fund's income requirement. As I explained in my phone call, documenting that you are not eligible for the Bernard Allen Fund by returning a completed application form is a requirement for requesting access to other potential funding sources. A Point of Entry (POE) treatment system appears to be the best option for your situation. POE systems typically range in cost from about \$4,000.00 to \$5,000.00 depending on the type and concentrations of contaminants, type of system, water use patterns, and other factors. Maintenance costs also vary.

As of this date, I have not received a response from you. I cannot continue the process of investigating funding options without your assistance and cooperation. Please let me know how you wish to proceed, including if you have decided not to seek access to an alternate water source through the Inactive Hazardous Sites Branch programs. If you have any questions or need additional information please call me at **704 235 2166**. You can also contact me by email at **donna.decarlo@ncdenr.gov** Your prompt response is appreciated.

Sincerely,

Donna Marie DeCarlo, Hydrogeologist

Inactive Hazardous Sites Branch

Superfund Section

610 East Center Avenue, Suite 301

Mooresville, NC 28115

NorthCarolina
Naturally

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.wastenotnc.org